

Karnival STEM 2021 - Senior Stem Coding Challenge 2021

Sistem Pengurusan Perpustakaan SMJK YOK BIN

SMJK YOK BIN



Penulis: Yeo Xian Hui, Tan Ting Hong

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D1 Pengenalan

Mengikuti kedatangan Karnival STEM 2021, saya Yeo Xian Hui dan kawan saya Tan Ting Hong mewakili sekolah telah mengambil bahagian dalam Senior Stem Coding Challenge 2021 yang diadakan ini.

Pertandingan Senior Stem Coding Challenge ini merupakan yang pertama seumpamanya di anjurkan oleh Bahagian Sukan Kokurikulum dan Kesenian (BSKK), Kementerian Pendidikan Malaysia (KPM). Ini merupakan satu platform dimana kita akan melihat kepelbagaian hasil projek daripada murid-murid sekolah rendah dan menengah dari seluruh negara.

Tujuan pertandingan ini adalah untuk melihat sejauh mana perkembangan dan kefahaman murid-murid terhadap ilmu coding serta corak pemikiran kritis dan KBAT mereka. Antara kemahiran lain yang boleh dikembangkan adalah penyelesaian masalah, percambahan kreativiti, analisis kritis, kerja berpasukan, komunikasi, dan literasi digital. Ia juga selari dengan hasrat kerajaan yang mahu melihat murid kita bersedia ke arah era IR 4.0. Pengaturcaraan juga merupakan asas kepada ilmu kejuruteraan dan robotik. Kelak, murid-murid inilah yang akan mencorakkan kemajuan negara di masa hadapan.

Objektif pertandingan ini adalah untuk:

1. Mencungkil bakat murid-murid di dalam bidang pengaturcaraan.
2. Memperkembangkan potensi dan kemahiran menganalisa masalah seterusnya menyelesaikan permasalahan tersebut.
3. Meningkatkan kemahiran komunikasi dan kemahiran sosial dalam proses pembangunan projek.
4. Mengembangkan kebolehan dan penciptaan murid dalam bidang sains dan kejuruteraan dan Matematik ke platform yang lebih tinggi.
5. Meningkatkan dan mengembangkan minat murid dalam bidang Sains, Teknologi, Kejuruteraan dan Matematik (STEM) melalui cabang pengaturcaraan.
6. Meningkatkan kemahiran komunikasi dan kemahiran sosial dalam proses pembangunan projek.

SMJK Yok Bin mempunyai Sistem Pengurusan Perpustakaan secara offline. Pangkalan Data Sistem Perpustakaan disimpan secara offline untuk pengurusan peminjaman buku dan pemulangan buku.

Pelajar perlu mencari buku secara manual dengan merujuk rak-rak buku di perpustakaan. Cara ini membazirkan masa dan kurang efisien untuk membuat pencarian. Pengurusan data buku juga memakan masa.

Oleh itu, pasukan kami bercadang untuk membina satu sistem pangkalan data berasaskan web untuk menguruskan data perpustakaan SMJK Yok Bin secara talian.

D2 Analisis Masalah :

Sistem Pengurusan Perpustakaan SMJK YOK BIN

Sejajar dengan perkembangan global pada masa kini pihak sekolah anda tidak mahu ketinggalan dalam meniti arus perkembangan dalam dunia ICT. Pihak pengurusan sekolah ingin mewujudkan sistem pangkalan data berasaskan web untuk mengurus maklumat di sekolah.

Kami bercadang untuk membina satu sistem pangkalan data berasaskan web untuk menguruskan data perpustakaan SMJK Yok Bin secara talian. Kami telah membuat penyelidikan dan pemerhatian dalam kalangan murid dengan melakukan temu bual dan soal selidik dengan beberapa murid dan guru media Puan Chan Wai Pik.

Dapatan kajian, Pusat Sumber SMJK Yok Bin memerlukan sistem pengurusan perpustakaan yang lengkap serta berfungsi cepat dan efisien.

Mereka telah menyatakan bahawa perpustakaan di sekolah sekarang:

- masih menggunakan kaedah tradisional yang sangat perlahan dan tidak efisien, iaitu kertas dan pen untuk merekodkan data meminjam dan memulang buku pelajar sekolah di perpustakaan sekolah.
- Keadaan ini telah menyebabkan proses meminjam dan memulangkan buku di perpustakaan sekolah sangat menyusahkan dan mengakibatkan banyak pelajar yang akhirnya tidak ingin datang ke perpustakaan sekolah lagi.
- Menyebabkan budaya membaca di sekolah kami semakin merosot dan hampir pupus.

Penyelesaian Masalah

Berdasarkan maklum balas yang didapati dari para pelajar dan guru sekolah, pasukan kami telah membuat keputusan untuk membangunkan sebuah sistem pengurusan perpustakaan berasaskan web yang lebih berinteraktif secara talian dengan membina pangkalan data dengan server phpMyadmin dan pembinaan laman web dengan bahasa pengaturcaraan PHP.

Sistem Pengurusan Perpustakaan SMJK YOK BIN

Kelebihan Sistem :

1. E-Catolog
2. Search Engine
3. Live Chat dengan Admin
4. Data diakses secara online
5. Book review –Perkongsian komen sesi untuk pembaca buku yang telah dibaca.
6. Pengumuman buku baru

Sasaran Pengguna

1. Guru media
2. Perpustakawan SMJK Yok Bin
3. Pelajar-pelajar SMJK Yok Bin

Perancangan kerja

1. Menyediakan sistem pangkalan data bagi sistem ini
2. Menyediakan *frontend* sistem ini dengan menggunakan HTML dan Javascript.
3. Menyediakan *backend* sistem ini dengan menggunakan PHP dan MySQL di phpMyAdmin.
4. Melengkapkan dan mengindahkan sistem berasaskan web ini dengan menulis CSS stylesheet.

Carta Gantt

Carta Gantt Kerja Senior STEM Coding Challenge 2021 - Sistem Pengurusan Perpustakaan

		JUN					JULAI				OGOS			
		M1	M2	M3	M4	M5	M1	M2	M3	M4	M1	M2	M3	M4
1	Mengumpul Maklumat													
	Fasa Analisis Masalah													
	Mengenal pasti masalah			X										
	Mencari maklumat tentang HTML, CSS, JS dan PHP			X										
	Menganalisis input, proses, output			X										
2	Merancang													
	Fasa reka bentuk atur cara													
	Menulis pseudokod				X									
	Melukis carta alir				X									
	Mereka bentuk antara muka pengguna				X									
3	Aplikasi													
	Fasa Pengekodan													
	Membina atur cara dengan HTML, CSS, Javascript, PHP					X	X	X	X	X	X			
	Fasa Pengujian dan Penyahpejatan											X		
	Menguji, mengesan dan membaiki ralat atur cara											X		
4	Membuat Refleksi													
	Fasa Dokumentasi													
	Membuat cadangan penambahbaikan												X	
	Menuliskan laporan projek lengkap												X	
5	Berkomunikasi													
	Pembentangan projek													X
6	Perbincangan dengan guru													X

Fasa 1 : Analisis Masalah	
Teknik Leraian	(a) Masalah Besar Membina satu sistem pangkalan data berasaskan web bagi sekolah berdasarkan kemahiran yang telah pelajari, iaitu HTML, CSS, Javascript serta PHP dan MySQL. Bagi pasukan kami, kami akan membangunkan sebuah sistem pengurusan perpustakaan berasaskan web seperti yang dikatakan di atas.
	(b) Bahagian-bahagian kecil : 1. Pangkalan Data: Membina rangka jadual (<i>table</i>) pangkalan data bagi menyimpan: - data pengguna (pelajar sekolah) - data buku - notifikasi sistem (<i>system notifications</i>) 1.1.1 Jadual bagi pengguna (<i>user</i>): Entiti pengguna mempunyai atribut: - Nama - Email - Kata laluan - Jenis - Buku yang dipinjam - Bilangan buku dipinjam atau ingin dipinjam - permintaan meminjam buku yang belum diselesai (<i>pending borrow requests</i>) Skrip SQL (<i>SQL scripts</i>) bagi membina jadual ini: <pre>CREATE TABLE IF NOT EXISTS users (usersId int(11) PRIMARY KEY AUTO_INCREMENT NOT null, usersUsername TEXT NOT NULL, usersEmail TEXT NOT NULL, usersPwd TEXT NOT NULL, usersType TEXT NOT NULL, borrowedBooks LONGTEXT NOT NULL, bookQuota TEXT NOT NULL, borrowPending LONGTEXT NOT NULL</pre>

)

1.1.2 Jadual bagi buku:

Entiti buku mempunyai atribut:

- Kod ISBN
- Kuantiti
- Tajuk
- Penulis
- Gambar thumbnail/kulit buku
- Deskripsi
- Kategori
- Penerbit
- Bahasa
- Harga
- Tahun terbit
- Bilangan muka surat
- Tempat/rak letaknya
- Bilangan dipinjam
- Bilangan permintaan meminjam buku yang belum diselesai
(*pending borrow requests*)

Skrip SQL (*SQL scripts*) bagi membina jadual ini:

```
CREATE TABLE IF NOT EXISTS books (  
    booksId int(11) PRIMARY KEY AUTO_INCREMENT NOT NULL,  
    booksISBN TEXT NOT NULL,  
    booksQuantity TEXT NOT NULL,  
    booksTitle TEXT NOT NULL,  
    booksAuthor TEXT NOT NULL,  
    booksCoverImage LONGTEXT NOT NULL,  
    booksDescription LONGTEXT NOT NULL,  
    booksCategory TEXT NOT NULL,  
    booksPublisher TEXT NOT NULL,  
    booksLanguage TEXT NOT NULL,  
    booksPrice TEXT NOT NULL,  
    booksYear TEXT NOT NULL,  
    booksPages TEXT NOT NULL,  
    booksShelf TEXT NOT NULL,  
    booksLoaned TEXT NOT NULL,  
    booksPending TEXT NOT NULL  
)
```

1.1.3 Jadual bagi notifikasi:

Entiti notifikasi mempunyai atribut:

- ID pengguna
- Teks
- Tarikh dibuat
- (boolean) Sama ada sudah dibaca atau tidak

Skrip SQL (*SQL scripts*) bagi membina jadual ini:

```
CREATE TABLE IF NOT EXISTS `Notification` (  
    `notificationId` int AUTO_INCREMENT NOT NULL,  
    `userId` int NOT NULL,  
    `text` TEXT NOT NULL,  
    `dateCreated` DATETIME NOT NULL DEFAULT  
CURRENT_TIMESTAMP,  
    `read` BOOLEAN NOT NULL DEFAULT 0,  
    CONSTRAINT PK_Notification PRIMARY KEY (`notificationId`),  
    CONSTRAINT FK_Notification FOREIGN KEY (`userId`)  
REFERENCES users(userId)  
)
```

2. Akaun pengguna

- Membina borang pendaftaran agar pelajar dapat membuat pendaftaran akaun baru dalam sistem:
 1. Pelajar memilih jenis akaun:
 - Pengguna biasa (member)
 - Pustakawan (librarian)
 2. Pelajar memasukkan:
 - Nama (username)
 - Email
 - Kata laluan (password)
 3. Menyimpan data pengguna dalam jadual pengguna
 4. Terus log masukkan pengguna dalam sistem selepas pendaftaran
- Membina borang log masuk agar pelajar dapat log masuk ke dalam sistem:
 1. Pelajar memasukkan:
 - Nama (username) atau email
 - Kata laluan (password)

2. Menyemak data yang dimasukkan dengan data yang disimpan dalam jadual pengguna

- Padan (*match*)? Log masukkan pengguna
 - Tidak padan? Papar mesej gagal kepada pelajar
-
- Membolehkan pelajar log keluar selepas habis urusan sendiri di perpustakaan.
 - Membolehkan pelajar mengedit profil akaun (*account details*) sendiri iaitu, nama pengguna, e-mel dan kata laluan.
 - Memaparkan senarai buku yang dipinjam beserta dengan tempoh hari yang tinggal hingga tarikh akhir (*due date*) buku di halaman profil (*profile page*)
 - Membolehkan memulangkan buku di halaman profil
 - Lewat? Paparkan wang denda yang perlu dibayar
 - Buku hilang? Paparkan wang denda sebanyak harga buku

3. Buku

- Memaparkan buku-buku yang terdapat dalam perpustakaan beserta dengan sedikit butiran tentangnya dalam *layout* yang cantik, tersusun dan *responsive*
- Membolehkan pengguna mencari buku dengan cepat pada halaman buku-buku (*books page*)
 - Julat carian (*search range*) dapat diubah suai mengikut keinginan pelajar:
 - Tajuk buku
 - Kod ISBN buku
 - Penulis buku
 - Kategori buku
 - Tahun terbit
 - Penerbit
 - Bilangan muka surat
 - Tempat/rak letaknya
- Membolehkan pengguna mengubah suai cara *layout* buku-buku, iaitu melalui butang *Order By*:
 - Tajuk buku
 - Penulis buku
 - Kategori buku
 - Tahun terbit
 - Penerbit

- Bilangan muka surat
- Tempat/rak letaknya

- Mengakses butiran sesuatu buku secara spesifiknya.
 - Di halaman ini, pengguna boleh:
 - Melihat perincian tentang buku tersebut
 - Meminjam buku tersebut sekiranya:
 - Masih ada stok (*stock available*)
 - *Max quota* iaitu bilangan maksimum buku yang boleh dipinjam belum sampai.
 - Peminjam merupakan pengguna biasa?
 Mencipta permintaan meminjam buku baru untuk diterima oleh admin atau pustakawan (*create new pending borrow requests to be accepted by admin and librarian*).

* Pengguna biasa hanya boleh membawa balik buku tersebut selepas permintaan meminjam (*borrow request*) diterima.

*Pengguna biasa hanya boleh meminjam tiga buku maksimumnya.
 - Melihat dan membuat komen tentang buku tersebut

- Membolehkan *admin* perpustakaan sekolah menambah buku baharu. .
- Membolehkan *admin* mengedit (*edit*) perincian buku (*book details*)

4. Sistem notifikasi

- Memasang sistem notifikasi bagi pengguna yang mempunyai akaun.
- Membolehkan *admin* menggunakan sistem ini untuk membuat pengumuman dengan menghantar mesej notifikasi kepada semua pengguna atau menulis mesej kepada pengguna tertentu.
- Pengguna boleh melihat mesej notifikasi.
- Mengingatkan pengguna untuk memulangkan buku sebelum hari terakhir tempoh pinjaman buku tersebut.
- Mengingatkan pengguna sekiranya ada buku yang dipinjam telah sampai tarikh akhirnya dan meminta dia memulangkan buku tersebut secepat mungkin.

- Memberitahu sebarang perubahan perincian akaunnya yang dilakukan agar pengguna dapat mengesan sebarang aktiviti menggodam yang disyaki jika bukan dialah yang mengubah *username*, *email* atau *passwordnya*.
- **Permintaan meminjam buku dari pengguna biasa**
 - Memberitahu (notify) admin, dan juga semua pustakawan sekiranya ada pengguna biasa (pelajar) yang ingin meminjam sesuatu buku agar mereka yang online/bertugas dapat menerima permintaan tersebut (*accept the borrow request*) dengan secepat mungkin.
 - Memberitahu pengguna biasa sekiranya ada permintaan meminjam bukunya yang diterima atau ditolak (*accepted or rejected borrow request*).
- **Permintaan menjadi sebuah pustakawan (librarian request)**
 - Memberitahu (notify) admin sekiranya ada pengguna biasa (pelajar) yang ingin menjadi seorang pustakawan agar admin dapat membuat keputusan untuk menerima permintaan tersebut atau tidak.
 - Memberitahu pengguna sekiranya permintaannya untuk menjadi seorang pustakawan telah diterima atau ditolak (*accepted or approved*).
- Memberitahu pengguna sekiranya dia telah dibuang (removed) sebagai pustakawan.

5. Sistem maklum balas (*feedback*)

- Membuat halaman bagi borang maklum balas dari pengguna
- Menghantar emel kepada pengguna sebagai respons terhadap maklum balas mereka.

6. Lain-lain

- Membuat halaman mengenai pasukan developer (*About us developer team*)

Setelah habis membuat semua halaman,

- Menyambung semua laman sesawang (*connect the web pages*) agar sistem ini dapat berfungsi dengan sepenuhnya (*fully functional*)

D3 Rekabentuk Aturcara

Fasa 2 : Reka bentuk Atur Cara		
Teknik Pengecam Corak	Persamaan	Perbezaan
	Login dengan username dan email. Semua ahli dapat mencapai sistem perpustakaan.	Proses meminjam buku dan memulangkan buku oleh ahli Proses admin perpustakaan
Teknik Peniskalan	Penentuan aspek-aspek penting	
	Input	Username , password
	Proses	1. Log masuk 2. Log keluar 3. Pendaftaran (<i>sign up</i>) 4. Meminjam buku 5. Memulangkan buku 6. Meletak jawatan sebagai pustakawan (<i>quit being librarian</i>) 7. Mengedit perincian akaun (<i>account details</i>) 8. Menerima permintaan meminjam buku yang belum diselesai (<i>pending borrow requests</i>) 9. Membuangkan pustakawan 10. Menerima permintaan menjadi pustakawan dari pengguna biasa 11. Menambah buku 12. Mengedit perincian buku (<i>edit book details</i>) 13. Notifikasi 14. Maklum balas (<i>send feedback</i>)
	Output	Paparkan webpage

Pseudokod

Antara algoritma paling penting yang terdapat dalam sistem berasaskan web ini

1. Log masuk
2. Log keluar
3. Pendaftaran (*sign up*)
4. Meminjam buku
5. Memulangkan buku
6. Meletak jawatan sebagai pustakawan (*quit being librarian*)
7. Mengedit perincian akaun (*account details*)
8. Menerima permintaan meminjam buku yang belum diselesai (pending borrow requests)
9. Membuangkan pustakawan
10. Menerima permintaan menjadi pustakawan dari pengguna biasa
11. Menambah buku
12. Mengedit perincian buku (*edit book details*)
13. Notifikasi
14. Maklum balas (*send feedback*)

Pseudokod berdasarkan algoritma

Log masuk

1. Mula
2. Dapatkan input daripada pengguna
3. Cari *username* atau *email* di jadual *Users* dalam pangkalan data
4. Jika ada
 5. Bandingkan kata laluan input dengan rekod yang terdapat dalam jadual
 6. Jika sama
 7. Paparkan mesej "Correct details" pada skrin pengguna
 8. Jika tidak
 9. Paparkan mesej "Incorrect details" pada skrin pengguna
10. Jika Tidak
 11. Paparkan mesej "Incorrect details" pada skrin pengguna
12. Tamat

Log keluar

1. Mula
2. *Delete session* pengguna
3. Tamat

Pendaftaran (*sign up*)

1. Mula
2. Dapatkan data daripada pengguna
3. Mengesahkan data tersebut agar mengikut format yang ditetapkan
4. Tambah rekod baharu pada jadual *Users*
5. Tamat

Meminjam buku

1. Mula
2. Kemaskini data buku yang dipegang pada rekod pengguna di jadual *Users*
3. Tamat

Memulangkan buku

1. Mula
2. Kemaskini data buku yang dipegang pada rekod pengguna di jadual *Users*
3. Tamat

Meletak jawatan sebagai pustakawan (*quit being librarian*)

1. Mula
2. Memeriksa jawatan pengguna
3. Jika pengguna mempunyai jawatan *librarian*
4. Mengubahkan jawatan pengguna kepada *student*
5. Tamat

Mengedit perincian akaun (*account details*)

1. Mula
2. Dapatkan data yang telah diubah daripada pengguna
3. Kemaskini data pengguna di dalam pangkalan data
4. Tamat

Menerima permintaan meminjam buku yang belum diselesai (*pending borrow requests*)

1. Mula
2. Kemaskini *column usersType* bagi pengguna yang jabatan sebelumnya sebagai *librarian* kepada *student*
3. Tamat

Membuangkan pustakawan

1. Mula
2. Kemaskini *column usersType* bagi pengguna yang jabatan sebelumnya sebagai *librarian* kepada *student*.
3. Tamat

Menerima permintaan menjadi pustakawan dari pengguna biasa

1. Mula
2. Kemaskini *column usersType* bagi pengguna yang jabatan sebelumnya sebagai *student* kepada *librarian*.
3. Tamat

Menambah buku

1. Mula
2. Dapatkan data berkaitan butiran buku daripada pengguna
3. Tambah rekod baharu pada jadual *Books*
4. Tamat

Mengedit perincian buku (*edit book details*)

1. Mula
2. Dapatkan butiran buku yang telah diedit daripada pengguna
3. Kemaskini column di jadual *Books* berdasarkan input daripada pengguna
4. Tamat

Notifikasi

1. Mula
2. Dapatkan *username* yang akan menerima pengumuman daripada pengguna
3. Dapatkan *text* yang hendak diumumkan daripada pengguna
4. Mencari *userId* berdasarkan *username*
5. Jika tidak ada pulangan rekod daripada jadual *Users*
6. Paparkan mesej "User not found" pada skrin pengguna
7. Tamat
8. Tambah rekod baharu pada jadual *Notification*
9. Tamat

Reka bentuk Antara muka

Antaramuka Signup.php

☐ Student

☐ Librarian



Yok Bin Library

Sign up

[SIGN UP](#)

Antaramuka login.php



Yok Bin Library

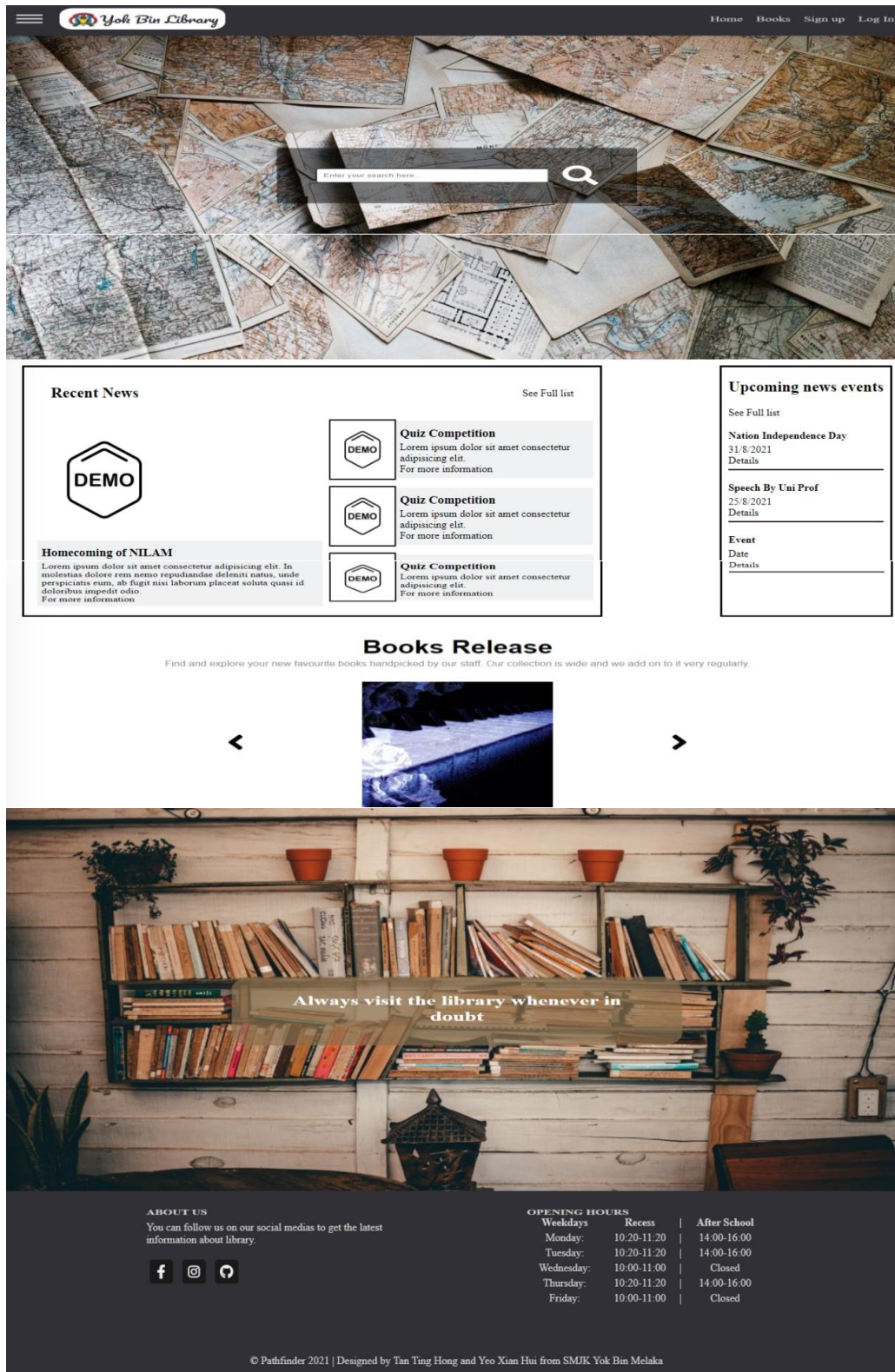
Login

[LOGIN](#)

[Forgot Password ?](#)

[Sign up. →](#)

Antaramuka index.php



Antaramuka book.php

Yok Bin Library

Home Books Sign up Log In

Search By:

☒ Search All

☒ Book Title

☒ ISBN

☒ Author

☒ Category

☒ Published Year

☒ Publisher

☒ Shelf

☒ Language

Q

Enter Keyword

Search

Order By: Title



12

ISBN: 0-19-853453-1

☒ Available

Description

12



lorem ipsum

ISBN: 978-1-60309-475-7

☒ Available

Description

lorem ipsum

<< < 1 > >>

Enter page index 1 - 5 out of 5 results

ABOUT US

You can follow us on our social medias to get the latest information about library.

f

ig

in

OPENING HOURS

Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
Tuesday:	10:20-11:20	14:00-16:00
Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

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Antaramuka Addbook.php

Yok Bin Library

HomeBooksProfileLog Out

Add Book

Upload book cover

Upload book cover (file size must not exceed 1MB)



Book Cover

ISBN Number:

Enter ISBN number

Quantity:

Enter quantity

Title:

Enter title

Author:

Enter author

Description

Category:

Enter category

Publisher:

Enter publisher

Language:

Enter language

Price:

\$00.00

Year:

2021

Pages:

Enter pages

Shelf:

Enter shelf

Add book

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Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
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Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

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Antaramuka manage_books.php



Home Books Profile Log Out

Search By:

- ☒ Search All
- ☒ Book Title
- ☒ ISBN
- ☒ Author
- ☒ Category
- ☒ Published Year
- ☒ Publisher
- ☒ Shelf
- ☒ Language

Order By:



12
ISBN: 0 - 19-853453-1
 In stock
Description
12



lorem ipsum
ISBN: 978-1-60309-475-7
 In stock
Description
lorem ipsum

<<"/>

1 - 5 out of 5 results

ABOUT US

You can follow us on our social medias to get the latest information about library.

OPENING HOURS

Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
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Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

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Antaramuka Edit book,php

Yoh Bin Library

HomeBooksProfileLog Out

Edit book: 12 - 0 -19-853453-1

Upload book cover

Upload book cover (file size must not exceed 1MB)



Book Cover

Change Book Cover

or reset to default book cover

ISBN Number:

0 -19-853453-1

Change ISBN

Quantity:

12

Change Quantity

Title:

Change Title

Author:

Change Author

Description

Change Description

Category:

Change Category

Publisher:

Change Publisher

Language:

Change Language

Price:

\$10.000

Change Price

Year:

2021

Change Publication Year

ABOUT US

You can follow us on our social medias to get the latest information about library.



OPENING HOURS

Weekdays	Recess	After School
Monday: 10:20-11:20		14:00-16:00
Tuesday: 10:20-11:20		14:00-16:00
Wednesday: 10:00-11:00		Closed
Thursday: 10:20-11:20		14:00-16:00
Friday: 10:00-11:00		Closed

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Antaramuka Notification.php



Home Books Profile Log Out

Username:

Notification Content:

Content...

Send

ABOUT US

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OPENING HOURS

Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
Tuesday:	10:20-11:20	14:00-16:00
Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

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Antaramuka Admin.php



Home Books Profile Log Out

Pending librarian sign up requests

There are no pending librarian sign up requests currently.

There are no librarians currently.

There are no borrow request from members currently.

There are no issued books currently.

ABOUT US

You can follow us on our social medias to get the latest information about library.



OPENING HOURS

Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
Tuesday:	10:20-11:20	14:00-16:00
Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

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Antaramuka profile.php



Home Books Profile Log Out

Welcome back member. This is your profile.

[Request to be librarian](#)
[Edit account](#)

You haven't borrow any books yet. Go to our digital library to explore some!

ABOUT US

You can follow us on our social medias to get the latest information about library.



OPENING HOURS

Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
Tuesday:	10:20-11:20	14:00-16:00
Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

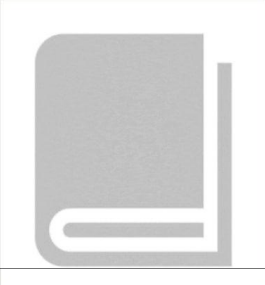
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Antaramuka book.php

Yok Bin Library

HomeBooksProfileLog Out

lorem ipsum



ISBN: 978-1-60309-475-7

Author: lorem ipsum

Description:
lorem ipsum

Category: lorem ipsum

Publisher: lorem ipsum

Language: lorem ipsum

Price: 00.00

Year: 2015

Pages: 12

Shelf: lorem ipsum

[Borrow this book](#)

Want to return this book? Return it [here](#) at your profile.

What do you think of this book?

0 Responses

Upvote

Funny

Love

Surprised

Angry

Sad

0 Comments

Pathfinder

Disqus' Privacy Policy

Login

Recommend

Tweet

Share

Sort by Best

Start the discussion...

LOG IN WITH

OR SIGN UP WITH DISQUS

Name

Be the first to comment.

Subscribe

Add Disqus to your site

Do Not Sell My Data

DISQUS

ABOUT US

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OPENING HOURS

Weekdays	Recess	After School
Monday:	10:20-11:20	14:00-16:00
Tuesday:	10:20-11:20	14:00-16:00
Wednesday:	10:00-11:00	Closed
Thursday:	10:20-11:20	14:00-16:00
Friday:	10:00-11:00	Closed

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Antaramuka Feedback.php



Your feedback

Name

Email



Feedback (Optional)

Submit

D4 Pengekodaan

Keseluruhan kod aturcara yang dibina

Source code sistem ini dapat diakses di repository projek ini di Github (README.md).

<https://github.com/jPRO-22/pathfinder>

Project Tree:

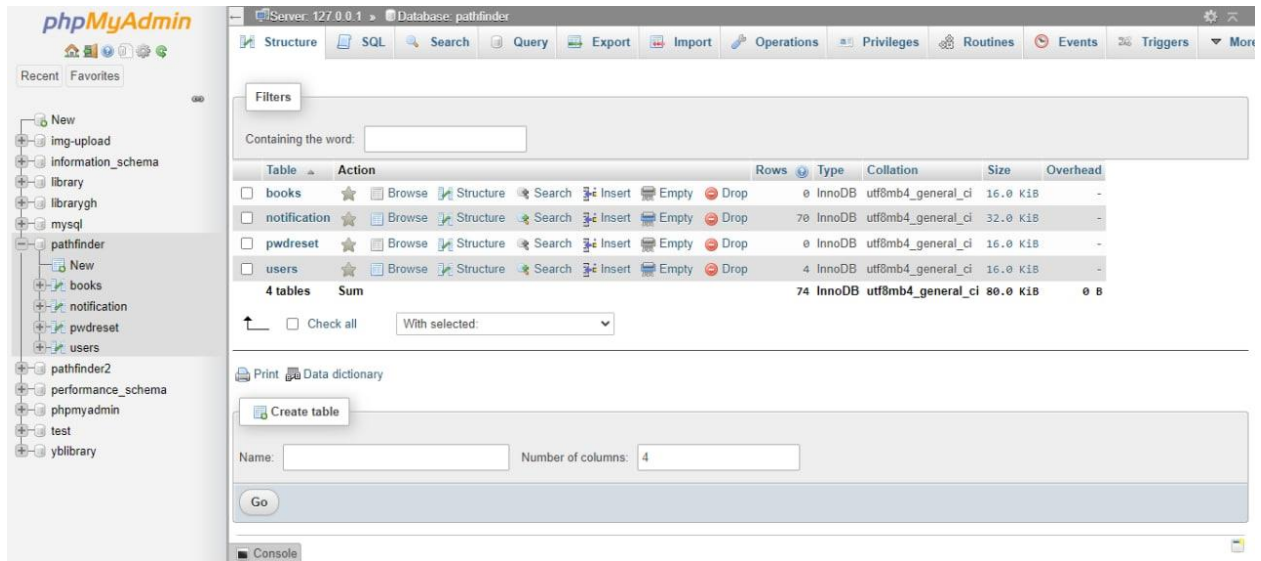
Pathfinder

- Entry
 - css
 - fonts
 - images
 - js
 - vendor
 - login.php
 - signup.php
- Error
 - css
 - fonts
 - img
 - error.php
- Feedback
 - css
 - fonts
 - images
 - js
 - vendor
 - index.php
- icons
 - logo
 - andriod-chrome-192x192.png
 - andriod-chrome-512x512.png
 - apple-touch-icon.png
 - favicon-16x16.png
 - favicon-32x32.png
 - favicon.ico
 - site.webmanifest
- includes
 - add-books.inc.php
 - approve_librarian_signup_request.inc.php
 - approve_borrow_request.inc.php
 - borrow-book.inc.php
 - dbh.inc.php
 - delete-book.inc.php

- edit-account.inc.php
- edit-book.inc.php
- feedback.inc.php
- functions.inc.php
- get-notification.inc.php
- librarian-to-member.inc.php
- login.inc.php
- logout.inc.php
- member-to-librarian.inc.php
- notify.inc.php
- query_book.inc.php
- read-notification.inc.php
- reject_librarian_signup_request.inc.php
- reject-borrow-request.inc.php
- remove-librarian.inc.php
- reserve-book.inc.php
- reset-book-cover.inc.php
- reset-password.inc.php
- reset-request.inc.php
- return-book.inc.php
- signup.inc.php
- upload-book-cover.inc.php
- perfect-scrollbar-master
- scripts
 - accordion.js
 - DOM_header.js
 - DOM_sidebar.js
 - price_input.js
 - query.js
 - validation.js
- stylesheets
 - animation
 - hamburger.css
 - loading.css
 - bootstrap-5.1.0-dist
 - about_us.css
 - add_books.css
 - admin.css
 - alert.css
 - book.css
 - feedback.css
 - footer.css
 - header.css
 - homepage.css

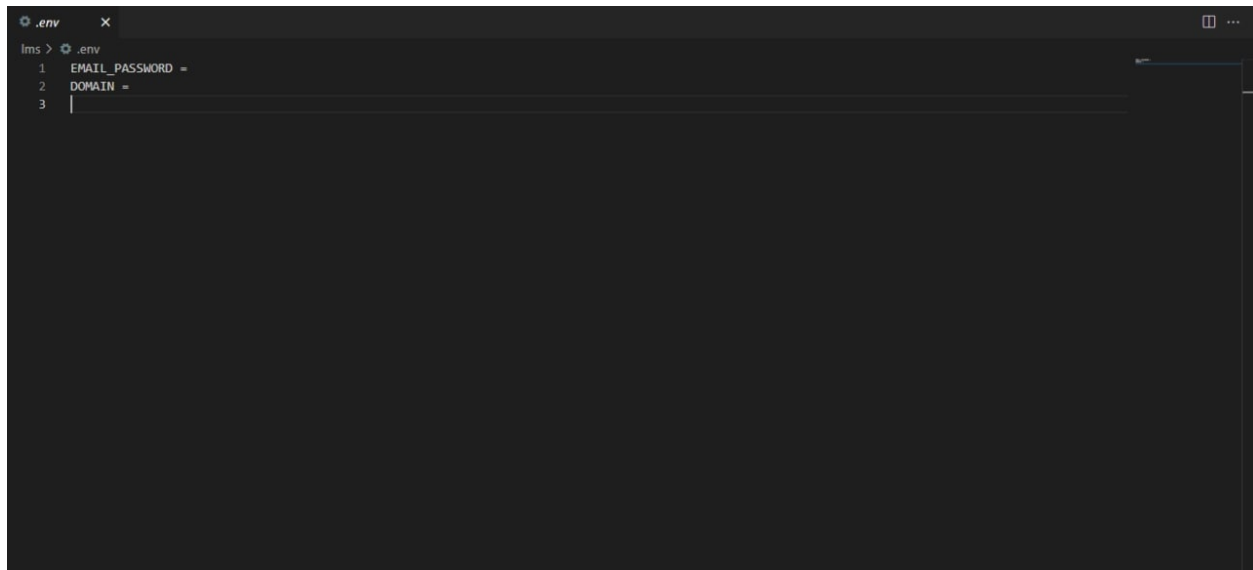
- notification.css
 - profile.css
 - search_book.css
 - sidebar.css
 - styled_table.css
- uploads
 - book-covers
- vendor
- .env
- .gitignore
- .htaccess
- about_us.php
- add_books.php
- admin.php
- book.php
- books.php
- borrow_requests.php
- composer.json
- composer.lock
- create_new_password.php
- dashboard.php
- edit_account.php
- edit_book.php
- feedback.php
- footer.php
- header.php
- index.php
- issued_books.php
- librarian.php
- manage_books.php
- notification.php
- profile.php
- README.md
- reset_password.php
- sidebar.php

PhpMyAdmin Server



Kod atur cara

Env



about_us.php

```
about_us.php X
lms > about_us.php
1 <?php include_once 'header.php'?>
2 <link rel="stylesheet" href="stylesheets/about_us.css">
3 <div class="page-wrapper">
4 <?php include_once 'sidebar.php'?>
5 <div class="main-content">
6 <section class="team">
7 <div class="container">
8 <div class="section-title">
9 <h2>Team</h2>
10 <p>Nice to meet you! We are students from SMK Yok Bin. Hope you have a fun time using our builds.</p>
11 </div>
12 <div class="row">
13 <div class="member-container">
14 <div class="member">
15 <div class="member-img">
16 
17 <div class="social">
18 <a href="">
19 </a>
20 </div>
21 </div>
22 <div class="member-info">
23 <h4>Yeo Xian Hui</h4>
24 <span>Student at Yok Bin</span>
25 </div>
26 </div>
27 </div>
28
29 <div class="member-container">
30 <div class="member">
31 <div class="member-img">
32 
33 <div class="social">
34 <a href="">
35 </a>
36 </div>
37 </div>
38 <div class="member-info">
39 <h4>Tan Ting Hong</h4>
40 <span>Student at Yok Bin</span>
41 </div>
42 </div>
43 </div>
44 </div>
45 </div>
46 </section>
47 </div>
48 </div>
49
50 <?php include_once 'footer.php'?>
51
```

add_books.php

```

add_books.php X
lms > add_books.php
1 <?php include_once 'header.php';>
2
3 <?php
4     include_once 'includes/dbh.inc.php';
5     if (isset($_SESSION["userid"])) {
6         $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"));
7         if (!($user["userType"] == "admin")) {
8             header("location: ./index.php");
9             exit;
10        }
11    } else {
12        header("location: ./index.php");
13        exit;
14    }
15 ?>
16
17 <link rel="stylesheet" href="stylesheets/add_books.css">
18 <link rel="stylesheet" href="stylesheets/alert.css">
19 <div class="page-wrapper">
20     <?php include_once 'sidebar.php'?>
21     <div class="main-content">
22         <!-- notices -->
23         <?php
24             if (isset($_SESSION["add-book-success-msg"])) {
25                 echo '<div class="alert alert-success" role="alert">' . $_SESSION["add-book-success-msg"] . '</div>';
26                 unset($_SESSION["add-book-success-msg"]);
27             }
28         ?>
29
30         <h1 class="title">Add Book</h1>
31
32         <form class="book-info" action="includes/add-books.inc.php" method="POST" enctype="multipart/form-data">
33             <h2 class="text-center">Upload book cover</h2>
34             <div class="form-field text-center">
35                 <span class="img-div">
36                     <div class="text-center img-placeholder" onClick="triggerClick()">
37                         <h4>Upload book cover (file size must not exceed 1MB)</h4>
38                     </div>
39                 </span>
40                 <?php
41                     if (isset($_SESSION["add-book-error-img"])) {
42                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-img"] . '</div>';
43                         unset($_SESSION["add-book-error-img"]);
44                     }
45                 ?>
46
47                 
48                 </span>
49                 <input type="file" name="book-cover" onChange="displayImage(this)" id="book-cover" class="form-control" style="display: none; accept=".jpg,.jpeg,.png">
50                 <label>Book Cover</label>
51             </div>
52
53             <div class="form-field">
54                 <label for="isbn">ISBN Number: </label>
55
56                 <?php
57                     if (isset($_SESSION["add-book-error-isbn"])) {
58                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-isbn"] . '</div>';
59                         unset($_SESSION["add-book-error-isbn"]);
60                     }
61                 ?>
62                 <input type="text" id="isbn" name="isbn" placeholder="Enter ISBN number" value="<?php echo !isset($_SESSION["add-book-error-isbn"]) ? (isset($_SESSION["temp-isbn"]) ? $_SESSION["temp-isbn"] : '') : ''; ?>">
63                 <small id="rsp-isbn"></small>
64             </div>
65
66             <div class="form-field">
67                 <label for="quantity">Quantity: </label>
68                 <?php
69                     if (isset($_SESSION["add-book-error-quantity"])) {
70                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-quantity"] . '</div>';
71                         unset($_SESSION["add-book-error-quantity"]);
72                     }
73                 ?>
74                 <input type="number" id="quantity" name="quantity" placeholder="Enter quantity" value="<?php echo !isset($_SESSION["add-book-error-quantity"]) ? (isset($_SESSION["temp-quantity"]) ? $_SESSION["temp-quantity"] : '') : ''; ?>">
75                 <small id="rsp-quantity"></small>
76             </div>
77
78             <div class="form-field">
79                 <label for="title">Title: </label>
80                 <?php
81                     if (isset($_SESSION["add-book-error-title"])) {
82                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-title"] . '</div>';
83                     }
84                 ?>
85                 <input type="text" id="title" name="title" placeholder="Enter book title" value="<?php echo !isset($_SESSION["add-book-error-title"]) ? (isset($_SESSION["temp-title"]) ? $_SESSION["temp-title"] : '') : ''; ?>">
86                 <small id="rsp-title"></small>
87             </div>
88         </div>
89     </div>
90 </div>

```

```

82         unset($_SESSION['add-book-error-title']);
83     }
84 }
85 }
86 <input type="text" id="title" name="title" placeholder="Enter title" value="<?php echo isset($_SESSION
87 ["add-book-error-title"]) ? (isset($_SESSION["temp-title"]) ? $_SESSION["temp-title"] : '') : ''; ?>"
88 <small id="rsp-title"></small>
89 </div>
90 <div class="form-field">
91     <label for="author">Author: </label>
92     <?php
93     if (isset($_SESSION["add-book-error-author"])) {
94         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-author"] . '</div>';
95         unset($_SESSION['add-book-error-author']);
96     }
97 }
98 <input type="text" id="author" name="author" placeholder="Enter author" value="<?php echo isset($_SESSION
99 ["add-book-error-author"]) ? (isset($_SESSION["temp-author"]) ? $_SESSION["temp-author"] : '') : ''; ?>"
100 <small id="rsp-author"></small>
101 </div>
102 <div class="form-field area">
103     <label for="description">Description</label>
104     <textarea name="description" id="description" cols="30" rows="3" style="resize: none;"><?php echo isset($_SESSION
105 ["temp-descr"]) ? $_SESSION["temp-descr"] : ''; ?></textarea>
106     <small id="rsp-description"></small>
107 </div>
108 <div class="form-field">
109     <label for="category">Category: </label>
110     <?php
111     if (isset($_SESSION["add-book-error-category"])) {
112         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-category"] . '</div>';
113         unset($_SESSION['add-book-error-category']);
114     }
115 }
116 <input list="category-list" id="category" name="category" placeholder="Enter category" value="<?php echo isset($_SESSION
117 ["add-book-error-isbn"]) ? (isset($_SESSION["temp-category"]) ? $_SESSION["temp-category"] : '') : ''; ?>"
118 <datalist id="category-list">
119     <option value="History"></option>
120     <option value="Comics"></option>
121     <option value="Fiction"></option>
122     <option value="Non-Fiction"></option>
123     <option value="Biography"></option>
124     <option value="Medical"></option>
125     <option value="Fantasy"></option>
126     <option value="Education"></option>
127     <option value="Sports"></option>
128     <option value="Technology"></option>
129     <option value="Literature"></option>
130 </datalist>
131 <small id="rsp-category"></small>
132 </div>
133 <div class="form-field">
134     <label for="publisher">Publisher: </label>
135     <?php
136     if (isset($_SESSION["add-book-error-publisher"])) {
137         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-publisher"] . '</div>';
138         unset($_SESSION['add-book-error-publisher']);
139     }
140 }
141 <input type="text" id="publisher" name="publisher" placeholder="Enter publisher" value="<?php echo isset($_SESSION
142 ["add-book-error-isbn"]) ? (isset($_SESSION["temp-publisher"]) ? $_SESSION["temp-publisher"] : '') : ''; ?>"
143 <small id="rsp-publisher"></small>
144 </div>
145 <div class="form-field">
146     <label for="language">Language: </label>
147     <?php
148     if (isset($_SESSION["add-book-error-language"])) {
149         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-language"] . '</div>';
150         unset($_SESSION['add-book-error-language']);
151     }
152 }
153 <input list="language-list" name="language" value="<?php echo isset($_SESSION["add-book-error-language"]) ? (isset
154 ($_SESSION["temp-language"]) ? $_SESSION["temp-language"] : '') : ''; ?>" placeholder="Enter language">
155 <datalist id="language-list">
156     <option value="English">
157     <option value="Mandarin Chinese">
158     <option value="Hindi">
159     <option value="Spanish">
160     <option value="Standard Arabic">
161     <option value="Bengali">

```

```

160         <option value="French">
161         <option value="Russian">
162         <option value="Portuguese">
163         <option value="Urdu">
164         <option value="Indonesian">
165         <option value="Standard German">
166         <option value="Japanese">
167         <option value="Marathi">
168         <option value="Telugu">
169         <option value="Turkish">
170         <option value="Tamil">
171         <option value="Korean">
172     </datalist>
173     <small id="rsp-language"></small>
174 </div>
175 <div class="form-field">
176     <label for="price">Price: </label>
177     <?php
178         if (isset($_SESSION["add-book-error-price"])) {
179             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-price"] . '</div>';
180             unset($_SESSION['add-book-error-price']);
181         }
182     >
183     <input type="text" name="currency-field" id="currency-field" pattern="^\$d{1,3}(,\d{3})*(\.\d+)?$" data-type="currency"
184     placeholder="$00.00" value="<?php echo !isset($_SESSION["add-book-error-price"]) ? (isset($_SESSION["temp-price"]) ?
    $_SESSION["temp-price"] : '') : ''; ?>"
185     <small id="rsp-currency-field"></small>
186 </div>
187 <div class="form-field">
188     <label for="year">Year: </label>
189     <?php
190         if (isset($_SESSION["add-book-error-year"])) {
191             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-year"] . '</div>';
192             unset($_SESSION['add-book-error-year']);
193         }
194     >
195     <select name="year" id="year"></select>
196     <small id="rsp-year"></small>
197 </div>
198 <div class="form-field">
199     <label for="pages">Pages: </label>
200     <?php
201         if (isset($_SESSION["add-book-error-pages"])) {
202             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-pages"] . '</div>';
203             unset($_SESSION['add-book-error-pages']);
204         }
205     >
206     <input type="number" id="pages" name="pages" placeholder="Enter pages" value="<?php echo !isset($_SESSION
207     ["add-book-error-pages"]) ? (isset($_SESSION["temp-pages"]) ? $_SESSION["temp-pages"] : '') : ''; ?>"
208     <small id="rsp-pages"></small>
209 </div>
210 <div class="form-field">
211     <label for="shelf">Shelf: </label>
212     <?php
213         if (isset($_SESSION["add-book-error-shelf"])) {
214             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["add-book-error-shelf"] . '</div>';
215             unset($_SESSION['add-book-error-shelf']);
216         }
217     >
218     <input type="text" id="shelf" name="shelf" placeholder="Enter shelf" value="<?php echo !isset($_SESSION
219     ["add-book-error-shelf"]) ? (isset($_SESSION["temp-shelf"]) ? $_SESSION["temp-shelf"] : '') : ''; ?>"
220     <small id="rsp-shelf"></small>
221 </div>
222     <button type="submit" name="add-book">Add book</button>
223 </form>
224 </div>
225 </div>
226 </div>
227
228 <script>
229     function triggerClick(e) {
230         document.querySelector('#book-cover').click();
231     }
232     function displayImage(e) {
233         if (e.files[0]) {
234             var reader = new FileReader();
235             reader.onload = function(e){
236                 document.querySelector('#book-cover-display').setAttribute('src', e.target.result);
237             }
238             reader.readAsDataURL(e.files[0]);
239         }
240     }

```

```

240     }
241     document.getElementById('book-cover-display').addEventListener("error", function() {
242         this.src = "images/default-book-cover.png";
243     });
244 </script>
245
246 <script>
247     const start = 1900;
248     const end = new Date().getFullYear();
249     let options = "";
250     for(let year = start ; year <=end; year++){
251         options += "<option>" + year + "</option>";
252     }
253     document.getElementById("year").innerHTML = options;
254     document.getElementById("year").value = "<?php echo !isset($_SESSION["add-book-error-year"]) ? (isset($_SESSION["temp-year"]) ?
        $_SESSION["temp-year"] : '2021') : ''; ?>";
255 </script>
256 <script>
257     window.onload = function() {
258         document.getElementById("currency-field").focus();
259         document.getElementById("currency-field").blur();
260     };
261 </script>
262 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
263 <script src="scripts/price_input.js"></script>
264
265 <?php
266     unset($_SESSION["temp-isbn"]);
267     unset($_SESSION["temp-quantity"]);
268     unset($_SESSION["temp-title"]);
269     unset($_SESSION["temp-author"]);
270     unset($_SESSION["temp-descr"]);
271     unset($_SESSION["temp-category"]);
272     unset($_SESSION["temp-publisher"]);
273     unset($_SESSION["temp-language"]);
274     unset($_SESSION["temp-price"]);
275     unset($_SESSION["temp-year"]);
276     unset($_SESSION["temp-pages"]);
277     unset($_SESSION["temp-shelf"]);
278 ?>
279
280 <?php include_once 'footer.php'?>
281

```

admin.php

```
admin.php X
lms > admin.php
1  <?php include_once 'header.php';?>
2  <?php
3      include_once 'includes/dbh.inc.php';
4
5      if (isset($_SESSION["userid"])) {
6          $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))["usersType"];
7          if ($type != "admin") {
8              header("location: index.php");
9              exit();
10         }
11     } else {
12         header("location: index.php");
13         exit();
14     }
15 }?>
16
17 <link rel="stylesheet" type="text/css" href="stylesheets/styled_table.css">
18 <link rel="stylesheet" type="text/css" href="stylesheets/admin.css">
19
20 <div class="page-wrapper">
21     <?php include_once 'sidebar.php'?>
22     <div class="main-content">
23         <hr>
24         <h1>Pending librarian sign up requests</h1>
25
26         <?php
27             $results = mysqli_query($conn, "SELECT * FROM users WHERE userType = 'librarian, pending' ORDER BY usersUsername;");
28             $pendingLibrarians = mysqli_fetch_all($results, MYSQLI_ASSOC);
29         ?>
30
31         <?php if (empty($pendingLibrarians)): ?>
32             <p>Below are users which requested to sign up as librarian: </p>
33             <div class="table-wrapper">
34                 <table class="styled-table">
35                     <thead>
36                         <th>Username</th>
37                         <th>Email</th>
38                         <th colspan="2">Action</th>
39                     </thead>
40                     <tbody>
41                         <?php foreach ($pendingLibrarians as $pendingLibrarian => $details): ?>
42                             <tr>
43                                 <td><?php echo $details["usersUsername"];?></td>
44                                 <td><?php echo $details["usersEmail"];?></td>
45                                 <td><?php echo "<a href='includes/approve_librarian_signup_request.inc.php?subject=" . $details["userId"] . "'>Approve</a>";?></td>
46                                 <td><?php echo "<a href='includes/reject_librarian_signup_request.inc.php?subject=" . $details["userId"] . "'>Reject</a>";?></td>
47                             </tr>
48                         <?php endforeach; ?>
49                     </tbody>
50                 </table>
51             </div>
52         <?php else: ?>
53             <p>There are no pending librarian sign up requests currently. </p>
54         <?php endif; ?>
55
56         <hr>
57
58         <!-- list of librarians -->
59         <?php
60             $results = mysqli_query($conn, "SELECT * FROM users WHERE userType = 'librarian' ORDER BY usersUsername;");
61             $librarians = mysqli_fetch_all($results, MYSQLI_ASSOC);
62         ?>
63
64         <?php if (empty($librarians)): ?>
65             <h1>List of librarians</h1>
66             <div class="table-wrapper">
67                 <table class="styled-table">
68                     <thead>
69                         <th>Username</th>
70                         <th>Email</th>
71                         <th colspan="2">Action</th>
72                     </thead>
73                     <tbody>
74                         <?php foreach ($librarians as $librarian => $details): ?>
75                             <tr>
76                                 <td><?php echo $details["usersUsername"];?></td>
77                                 <td><?php echo $details["usersEmail"];?></td>
78                                 <td><?php echo "<a href='includes/remove-librarian.inc.php?subject=" . $details["userId"] . "'>Remove librarian</a>";?></td>
```

```

79         </tr>
80     <?php endforeach; ?>
81 </tbody>
82 </table>
83 </div>
84 <?php else: ?>
85     <p>There are no librarians currently. </p>
86 <?php endif; ?>
87
88     <hr>
89
90     <?php define('dashboard', TRUE); ?>
91     <?php include_once 'dashboard.php'; ?>
92
93 </div>
94 </div>
95
96 <script>
97     const tableRows = document.querySelectorAll("table tbody tr");
98     Array.from(tableRows).forEach(element => {
99         element.addEventListener("click", function(){
100             const prevActive = element.parentElement.querySelector(".active-row");
101             if(prevActive) {
102                 prevActive.classList.remove("active-row");
103             }
104             element.classList.add("active-row");
105         })
106     })
107 </script>
108
109 <?php include_once 'footer.php'; ?>

```

book.php

```
book.php X
lms > book.php > ...
1  <?php
2  include_once 'header.php';
3  include_once 'includes/dbh.inc.php';
4
5  require 'vendor/autoload.php';
6
7  function invalidISBN($isbn_no) {
8      $isbn = new ISBN\ISBN();
9      $result;
10     if ($isbn->validation->isbn($isbn_no)) {
11         $result = false;
12     } else {
13         $result = true;
14     }
15     return $result;
16 }
17 ?>
18
19 <?php
20
21 // get book details
22 $target = $_GET["id"];
23 if (empty($target)) {
24     header("location: index.php");
25     exit();
26 }
27 if (invalidISBN($target)) {
28     header("location: index.php");
29     exit();
30 }
31
32 $res = mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$target'");
33 $book = mysqli_fetch_all($res, MYSQLI_ASSOC)[0];
34 ?>
35
36 <link rel="stylesheet" href="stylesheets/book.css">
37 <link rel="stylesheet" href="stylesheets/alert.css">
38
39 <div class="page-wrapper">
40     <?php include_once 'sidebar.php'?>
41     <div class="main-content">
42         <div class="content-wrapper">
43             <h2><?php echo $book["booksTitle"]?></h2>
44             <!-- notices -->
45             <?php
46                 if (isset($_SESSION["borrow-book-success-msg"])) {
47                     echo '<div class="alert alert-success" role="alert">' . $_SESSION["borrow-book-success-msg"] . '</div>';
48                 }
49                 unset($_SESSION["borrow-book-success-msg"]);
50             ?>
51
52             <div class="book-cover-container">
53                 " alt="book cover">
54             </div>
55
56             <div class="data">
57                 <b>ISBN: </b> <?php echo $book["booksISBN"]?>
58             </div>
59             <div class="data">
60                 <b>Author: </b> <?php echo $book["booksAuthor"]?>
61             </div>
62             <div class="data">
63                 <b>Description: </b> <br> <?php echo $book["booksDescription"]?>
64             </div>
65             <div class="data">
66                 <b>Category: </b> <?php echo $book["booksCategory"]?>
67             </div>
68             <div class="data">
69                 <b>Publisher: </b> <?php echo $book["booksPublisher"]?>
70             </div>
71             <div class="data">
72                 <b>Language: </b> <?php echo $book["booksLanguage"]?>
73             </div>
74             <div class="data">
75                 <b>Price: </b> <?php echo $book["booksPrice"]?>
76             </div>
77             <div class="data">
78                 <b>Year: </b> <?php echo $book["booksYear"]?>
79             </div>
80
81             <div class="data">
82                 <b>Pages: </b> <?php echo $book["booksPages"]?>
83             </div>
84         </div>
85     </div>
86 </div>
```

```

84     <div class="data">
85         <b>Shelf: </b> <?php echo $book["booksShelf"]?>
86     </div>
87
88     <br><br>
89
90     <!-- check for borrow button availability -->
91     <?php
92
93         if (isset($_SESSION["userid"])) {
94             echo "Uh-oh, you are not logged in! Log in to borrow the book!<br>";
95             echo "<a class='styled-button' href='login.php'>Log in now</a><br>";
96             echo "Don't have an account? <a class='styled-button' href='signup.php'>Sign up now</a>";
97             exit;
98         } else {
99
100             $maxQuota = 3;
101
102             $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$target'"));
103             $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userid = '' . $_SESSION['userid'] . ''"));
104
105             if (((int)$book["booksQuantity"] - (int)$book["booksLoaned"] - (int)$book["booksPending"] > 0)) { // to check if book
106                 // available, that means still got copies of book remained
107                 if ($user["usersType"] == "admin" or (int)$user["bookQuota"] < $maxQuota) {
108                     echo '<a class="styled-button" href="includes/borrow-book.inc.php?id=' . $target . '">Borrow this book</a><br>';
109                 } else {
110                     echo '<div class="alert alert-warning" role="alert">You already reached the max quota of books that you can borrow.
111                         If you wish to borrow this book, kindly return some books at <a class="styled-button" href="profile.php"
112                         class="alert-link">your profile</a> first.</div>';
113                 }
114             } else {
115                 echo '<div class="alert alert-warning" role="alert">This book is out of stock. Please contact the admin if you think
116                     this is a mistake.</div>';
117             }
118         }
119         echo 'Want to return this book? Return it <a class="styled-button" href="profile.php#>here</a> at your profile.';
120     <?>
121 </div>
122 </div>
123 <div id="disqus_thread"></div>
124 <script>
125     /**
126     * RECOMMENDED CONFIGURATION VARIABLES: EDIT AND UNCOMMENT THE SECTION BELOW TO INSERT DYNAMIC VALUES FROM YOUR PLATFORM OR CMS.
127     * LEARN WHY DEFINING THESE VARIABLES IS IMPORTANT: https://disqus.com/admin/universalcode/#configuration-variables    */
128     /**
129     var disqus_config = function () {
130     this.page.url = PAGE_URL; // Replace PAGE_URL with your page's canonical URL variable
131     this.page.identifier = PAGE_IDENTIFIER; // Replace PAGE_IDENTIFIER with your page's unique identifier variable
132     };
133     /**
134     (function() { // DON'T EDIT BELOW THIS LINE
135     var d = document, s = d.createElement('script');
136     s.src = 'https://pathfinderlibms.disqus.com/embed.js';
137     s.setAttribute('data-timestamp', +new Date());
138     (d.head || d.body).appendChild(s);
139     })();
140 </script>
141 <noscript>Please enable JavaScript to view the <a href="https://disqus.com/?ref_noscript">comments powered by Disqus.</a></noscript>
142 <?php include_once 'footer.php';?>

```

Books.php

```
books.php x
lms > books.php
1 <?php
2 include_once 'header.php';
3 include_once 'includes/dbh.inc.php';
4
5 <link rel="stylesheet" href="stylesheets/search_book.css">
6 <link rel="stylesheet" href="stylesheets/animation/loading.css">
7 <div class="page-wrapper">
8     <?php include_once 'sidebar.php'?>
9     <div id="main-content" class="main-content">
10         <div class="form-wrapper">
11             <form id="search" action="">
12                 <div class="form-inner">
13                     <div class="form-field field_option">
14                         <h4>Search By:</h4>
15                         <input type="checkbox" id="options" name="options" value="all">
16                         <label for="options"> Search All</label><br>
17
18                         <input type="checkbox" class="switch" id="option1" name="option1" value="booksTitle">
19                         <label for="option1"> Book Title</label><br>
20
21                         <input type="checkbox" class="switch" id="option2" name="option2" value="booksISBN">
22                         <label for="option2"> ISBN</label><br>
23
24                         <input type="checkbox" class="switch" id="option3" name="option3" value="booksAuthor">
25                         <label for="option3"> Author</label><br>
26
27                         <input type="checkbox" class="switch" id="option4" name="option4" value="booksCategory">
28                         <label for="option4"> Category</label><br>
29
30                         <input type="checkbox" class="switch" id="option5" name="option5" value="booksYear">
31                         <label for="option5"> Published Year</label><br>
32
33                         <input type="checkbox" class="switch" id="option6" name="option6" value="booksPublisher">
34                         <label for="option6"> Publisher</label><br>
35
36                         <input type="checkbox" class="switch" id="option7" name="option7" value="booksShelf">
37                         <label for="option7"> Shelf</label><br>
38
39                         <input type="checkbox" class="switch" id="option8" name="option8" value="booksLanguage">
40                         <label for="option8"> Language</label><br>
41                         <small class="respond" id="rsp_option"></small>
42                     </div>
43
44                     <div class="form-field">
45                         <i class="fas fa-search"></i>
46                         <label for="searchValue"></label>
47                         <input type="text" id="searchValue" name="searchValue" placeholder="Enter Keyword" value="<?php if(isset($_GET
48                         ["searchValue"])) {echo $_GET["searchValue"]};>">
49                         <small class="respond" id="rsp_searchValue"></small>
50                         <button type="submit">Search</button>
51                     </div>
52
53                     <div class="form-field">
54                         <label for="order">Order By:</label>
55                         <select name="order" id="order">
56                             <option value="booksTitle">Title</option>
57                             <option value="booksYear">Published Year</option>
58                             <option value="booksCategory">Category</option>
59                             <option value="booksAuthor">Author</option>
60                             <option value="booksPublisher">Publisher</option>
61                             <option value="booksShelf">Shelf</option>
62                             <option value="booksLanguage">Language</option>
63                         </select>
64                     </div>
65                 </div>
66             </form>
67         </div>
68         <div class="msg">
69
70         </div>
71
72         <div class="result-container">
73             <ol class="result-inner">
74
75             </ol>
76         </div>
77
78         <div class="pagination">
79             <nav class="pagination-inner">
80                 <a href="#" id="first" class="button">
81                     <span><<<</span>
82                 </a>
83                 <a href="#" id="previous" class="button">
```

```

84         <span></span>
85     </a>
86     <div id="btn-wrapper">
87
88     </div>
89     <a href="#" id="next" class="button">
90         <span></span>
91     </a>
92     <a href="#" id="last" class="button">
93         <span></span>
94     </a>
95 </nav>
96 <div class="form-wrapper">
97     <form id="page-skip" action="">
98         <input name="index" id="index" type="text" placeholder="Enter page index">
99         <label id="lbl-index" for="index"></label>
100         <small class="respond" id="rsp_index"></small>
101     </form>
102 </div>
103 </div>
104 </div>
105 </div>
106 <script>
107     // search book form
108     const searchForm = document.getElementById("search");
109     const checkAll = document.getElementById("options");
110     const checkboxes = Array.from(document.getElementsByClassName("switch"));
111
112     const output = document.querySelector(".result-inner");
113
114     // pagination
115     const wrapper = document.getElementById('btn-wrapper');
116     const firstPage = document.getElementById('first');
117     const prevPage = document.getElementById('previous');
118     const nextPage = document.getElementById('next');
119     const lastPage = document.getElementById('last');
120
121     const indexForm = document.getElementById("page-skip");
122     const label = document.getElementById("lbl-index");
123
124     // container
125     const message = document.getElementsByClassName("msg")[0];
126     const resultContainer = document.getElementsByClassName("result-container")[0];
127     const paginationContainer = document.getElementsByClassName("pagination")[0];
128
129     const state = {
130         searchKeys: [],
131         value: '',
132         orderBy: '',
133         currentPage: 1,
134         dataLimit: 10,
135         baseUrl: "includes/query_book.inc.php",
136         url() {
137             return this.baseUrl+
138                 "?searchKeys="+JSON.stringify(this.searchKeys)+
139                 "&value="+this.value+

```

```

140         "&orderBy="+this.orderBy+
141         "&index="+this.currentPage+
142         "&dr="+this.dataLimit;
143     }
144 }
145
146 const result = {
147     length: 0,
148     start: 0,
149     end: 0,
150     list: []
151 }
152
153 function retrieve() {
154     let keys = [];
155     let value = this.searchValue.value;
156     let order = this.order.value;
157
158     checkboxes.forEach((el) => {
159         if (el.checked) {
160             keys.push(el.value);
161         }
162     });
163
164     const rspEl = document.getElementById("rsp_option");
165     if (!keys.length) {
166         rspEl.textContent = "Must have a search range!";
167         return false;
168     }
169     rspEl.textContent = "";
170
171     state.searchKeys = keys;
172     state.value = value;
173     state.currentPage = 1;
174     state.orderBy = order;
175     return true;
176 }
177
178 const ajaxRequest = () => {
179     resultContainer.style.display = "block";
180     paginationContainer.style.display = "none";
181     message.style.marginTop = "0";
182     message.innerHTML = "";
183     output.innerHTML = `
184         <div class="lds-container">
185             <div class="lds-ring">
186                 <div></div><div></div><div></div><div></div>
187             </div>
188         </div>
189     `;
190
191     const xhr = new XMLHttpRequest();
192     xhr.onload = function() {
193         if (this.status == 200) {
194             // could use some more thing here
195             [result.length, result.start, result.end, result.list] = JSON.parse(this.responseText);
196             show(output);
197         }
198     }
199     xhr.open("GET", state.url(), true);
200     xhr.send();
201 }
202
203 const pageCount = (length) => {
204     return Math.ceil(length / state.dataLimit) || 1;
205 }
206
207 function show(element) {
208     element.innerHTML = "";
209     if (!result.length) {
210         resultContainer.style.display = "none";
211         paginationContainer.style.display = "none";
212         message.style.marginTop = "100px";
213         message.innerHTML = `
214             <h1> No Books Were Found </h1>
215         `;
216         return false;
217     }
218     paginationContainer.style.display = "block";
219
220     let pages = pageCount(result.length);
221     let list = result.list;
222     let i;
223 }

```

```

224 for (i = 0; i < list.length; i++) {
225   if (list[i].bookCover == "default-book-cover.png") {
226     image = "images/default-book-cover.png";
227   } else {
228     image = "uploads/book-covers/" + list[i].bookCover;
229   }
230   let row = `
231     <li class="list-item">
232       <div class="book-cover-container">
233         <div class="book-cover-wrapper">
234           
235         </div>
236       </div>
237       <section class="content-preview">
238         <div class="header">
239           <h3><a href="book.php?id=${list[i].isbn}">${list[i].title}</a></h3>
240         </div>
241         <span>ISBN: ${list[i].isbn}</span>
242         <span>${list[i].available? ' <span class="checkmark"></span> Available' : ' <span class="cross"></span> Not
243           Available'} </span>
244         <br>
245         <b class="desc-header">Description</b>
246         <button class="show-desc"> Show Description </button>
247         <div class="desc">${list[i].detail}</div>
248       </section>
249     </li>
250   `;
251   element.innerHTML += row;
252 }
253 Array.from(document.getElementsByClassName("show-desc")).forEach((el) => {
254   el.addEventListener("click", function() {
255     event.preventDefault();
256     const target = event.currentTarget;
257     accordion(target, false);
258   });
259   pagination(pages);
260 }
261
262 const jumpToPage = (index) => {
263   if (typeof index == "string") {
264     index = parseInt(index)
265   }
266
267   if (state.currentPage == index) {
268     return false;
269   }
270   state.currentPage = index;
271   ajaxRequest();
272 };
273
274 function pagination(pages) {
275   const maxPage = 3;
276   let current = state.currentPage;
277
278   // correct index for previous existing pagination
279   firstPage.value = 1;
280   lastPage.value = pages;
281
282   if (pages == 1) {
283     prevPage.value = nextPage.value = 1;
284   } else {
285     if (current > 1) {
286       prevPage.value = current - 1;
287     } else {
288       prevPage.value = 1;
289     }
290
291     if (current < pages) {
292       nextPage.value = current + 1;
293     } else {
294       nextPage.value = pages;
295     }
296   }
297
298   let maxLeft = (current - Math.floor(maxPage / 2));
299   let maxRight = (current + Math.floor(maxPage / 2));
300
301   if (maxLeft < 1) {
302     maxLeft = 1;
303     maxRight = maxPage;
304   }
305
306   if (maxRight > pages) {

```

```

307     maxLeft = pages - (maxPage - 1);
308     if (maxLeft < 1){
309         maxLeft = 1;
310     }
311     maxRight = pages;
312 }
313
314 wrapper.innerHTML = ``;
315 let page;
316 for (page = maxLeft; page <= maxRight; page++) {
317     if (page == current){
318         wrapper.innerHTML += `<a class="page active">${page}</a>`
319     } else {
320         wrapper.innerHTML += `<a class="page">${page}</a>`
321     }
322 }
323
324 let range = result.start == result.end ? result.start : result.start + " - " + result.end;
325 label.textContent = `${range} out of ${result.length} results`;
326
327 Array.from(document.getElementsByClassName("page")).forEach((el) => {
328     el.addEventListener("click", function(event) {
329         event.preventDefault();
330         jumpToPage(el.textContent);
331     });
332 });
333 }
334
335 window.addEventListener("load", function() {
336     checkAll.click();
337
338     if (retrieve()) {
339         ajaxRequest();
340     }
341 });
342
343 searchForm.addEventListener("submit", function(event){
344     event.preventDefault();
345
346     if (retrieve()) {
347         ajaxRequest();
348     }
349 });
350
351 checkAll.addEventListener("click", function() {
352     let bool = this.checked;
353     checkboxes.forEach((el) => {
354         el.checked = bool;
355     });
356 });
357
358 checkboxes.forEach((el) => {
359     el.addEventListener("click", function() {
360         if(!this.checked) {
361             checkAll.checked = false;
362         } else {
363             let turnOn = true;
364             checkboxes.forEach((el) => {
365                 turnOn = turnOn && el.checked;
366             });
367             checkAll.checked = turnOn;
368         }
369     });
370 });
371
372 // there's a better way to do this, need more research
373 [firstPage, prevPage, nextPage, lastPage].forEach((el) => {
374     el.addEventListener('click', function(event){
375         event.preventDefault();
376         let value = el.value;
377         if (!value) {
378             return false;
379         }
380         jumpToPage(value);
381     });
382 });
383
384 indexForm.addEventListener("submit", function(){
385     event.preventDefault();
386
387     let page = this.index.value;
388
389     const rspEl = document.getElementById("rsp_index");
390     if (page < 1 || page > pageCount(result.length)) {

```

```
391         rspEl.textContent = "Out of range!";
392         return false;
393     }
394     rspEl.textContent = "";
395     jumpToPage(page);
396 });
397 </script>
398 <?php include_once 'footer.php'?>
```



borrow_requests.php

```
1  <!-- notices -->
2  <?php
3      if (isset($_SESSION["approve-borrow-success-msg"])) {
4          echo '<div class="alert alert-success" role="alert">' . $_SESSION["approve-borrow-success-msg"] . '</div>';
5      }
6      unset($_SESSION['approve-borrow-success-msg']);
7  }>
8
9  <!-- list of borrow request from normal members (librarian and admin no need borrow approval)-->
10 <?php
11     $res = mysqli_query($conn, "SELECT * FROM users WHERE borrowPending <> ''");
12     $borrowRequests = mysqli_fetch_all($res, MYSQLI_ASSOC);
13 }>
14
15 <?php if (!empty($borrowRequests)): ?>
16     <p>Borrow requests from members: </p>
17
18     <ul>
19         <?php foreach ($borrowRequests as $key => $details): ?>
20             <?php echo $details["usersUsername"];?>
21             <?php $i = 0;?>
22
23             <div class="table-wrapper">
24                 <table class="styled-table">
25                     <thead>
26                         <th>Book</th>
27                         <th>ISBN</th>
28                         <th>Requested at</th>
29                         <th colspan="2">Action</th>
30                     </thead>
31                     <tbody>
32                         <?php foreach (array_slice(explode(",", $details["borrowPending"]), 1) as $borrowRequest): ?>
33                             <?php $tmp = explode(";", $borrowRequest);?>
34                             <tr>
35                                 <td></td>
36                                 <td><?php echo $tmp[0];?></td>
37                                 <td><?php echo str_replace("Requested at", "", $tmp[1]);?></td>
38                                 <td><?php echo '<a href="includes/approve-borrow-request.inc.php?user=' . $details["userId"] . '&index=' . $i .
39                                     '<td><?php echo '<a href="includes/reject-borrow-request.inc.php?user=' . $details["userId"] . '&index=' . $i .
40                                     </td>
41                             </tr>
42                         <?php endforeach; ?>
43                     </tbody>
44                 </table>
45             </div>
46
47             <?php $i++;?>
48
49         <?php endforeach; ?>
50     </ul>
51
52 <?php else: ?>
53     <p>There are no borrow request from members currently.</p>
54 <?php endif; ?>
```

composer.json

```
1  {
2      "require": {
3          "vlucas/phpdotenv": "^5.3",
4          "phpmailer/phpmailer": "^6.5",
5          "fale/isbn": "^3.1"
6      }
7  }
```

dashboard.php

```
dashboard.php X
lms > dashboard.php
1 <!-- this is the managing borrow requests and the list of the issued books panel for both admin and librarian in admin.php and librarian.php -->
2
3 <?php
4 if(!defined('dashboard')) {
5     header("location: index.php");
6     exit;
7 }
8 >
9
10 <!-- notices -->
11 <?php
12 if (isset($_SESSION["approve-borrow-success-msg"])) {
13     echo '<div class="alert alert-success" role="alert">' . $_SESSION["approve-borrow-success-msg"] . '</div>';
14 }
15 unset($_SESSION['approve-borrow-success-msg']);
16 >
17
18 <!-- list of borrow request from normal members (librarian and admin no need borrow approval)-->
19 <?php
20 $res = mysqli_query($conn, "SELECT * FROM users WHERE borrowPending <> ''");
21 $borrowRequests = mysqli_fetch_all($res, MYSQLI_ASSOC);
22 >
23
24 <?php if (empty($borrowRequests)): >
25     <h1>Borrow requests</h1>
26
27     <ul style="list-style-type: none;">
28         <?php foreach ($borrowRequests as $key => $details): >
29
30             <?php echo $details["usersUsername"];>
31             <?php $i = 0;>
32
33             <!-- table here -->
34             <div class="table-wrapper">
35                 <table class="styled-table">
36                     <thead>
37                         <th>Book</th>
38                         <th>ISBN</th>
39                         <th>Requested at</th>
40                         <th colspan="2">Action</th>
41                     </thead>
42                     <tbody>
43                         <?php foreach (array_slice(explode(",", $details["borrowPending"]), 1) as $borrowRequest): >
44                             <?php $tmp = explode(" ", $borrowRequest);>
45                             <tr>
46                                 <td><?php echo mysqli_fetch_assoc(mysqli_query($conn, 'SELECT booksTitle FROM books WHERE booksISBN = "' . $tmp[0]
47                                 <td><?php echo $tmp[0];></td>
48                                 <td><?php echo str_replace("Requested at", "", $tmp[1]);></td>
49                                 <td><?php echo 'a href="includes/approve-borrow-request.inc.php?user=' . $details["usersId"] . '&index=' . $i .
50                                 <td><?php echo 'a href="includes/reject-borrow-request.inc.php?user=' . $details["usersId"] . '&index=' . $i .
51                             </tr>
52                         <?php endforeach; >
53                     </tbody>
54                 </table>
55             </div>
56
57             <?php $i++;>
58         <?php endforeach; >
59     </ul>
60
61 <?php else: >
62     <p>There are no borrow request from members currently.</p>
63 <?php endif; >
64
65 <hr>
66
67 <!-- list of issued books -->
68 <?php
69 $res = mysqli_query($conn, "SELECT usersUsername, borrowedBooks FROM users WHERE borrowedBooks <> '' ORDER BY usersUsername;");
70 $issuedBooks = mysqli_fetch_all($res, MYSQLI_ASSOC);
71 >
72
73 <?php if (empty($issuedBooks)): >
74     <h1>Issued books</h1>
75     <?php foreach ($issuedBooks as $issuedBook => $details): >
76         <?php echo $details["usersUsername"];>
77         <div class="table-wrapper">
78             <table class="styled-table">
79                 <thead>
80                     <th>Book</th>
81                     <th>ISBN</th>
82                     <th>Expiry date</th>
83                 </thead>
84                 <tbody>
```

```

85         <tbody>
86             <?php foreach (array_slice(explode(",", $details["borrowedBooks"]), 1) as $detail): ?>
87                 <?php $tmp = explode(">", $detail);?>
88                 <tr>
89                     <td><?php echo mysqli_fetch_assoc(mysqli_query($conn, 'SELECT booksTitle FROM books WHERE booksISBN = "' . $tmp[0]
90                     <td><?php echo $tmp[0];?></td>
91                     <td><?php echo $tmp[1];?></td>
92                 </tr>
93             <?php endforeach;?>
94         </tbody>
95     </table>
96 </div>
97 <?php endforeach;?>
98
99 <?php else: ?>
100 <p>There are no issued books currently.</p>
101
102 <?php endif;?>

```

edit_account.php

```
edit_account.php X
lms > edit_account.php
1 <?php include_once 'header.php';>
2 <?php include_once 'includes/dbh.inc.php';>
3
4 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
5
6 <div class="page-wrapper">
7     <?php include_once 'sidebar.php';>
8     <div class="main-content">
9         <?php
10             if (isset($_SESSION["userid"])) {
11                 if (isset($_GET["subject"])) {
12                     $targetId = $_GET["subject"];
13
14                     if ($_SESSION["userid"] != $targetId) {
15                         header("location: index.php");
16                         exit();
17                     }
18
19                     $res = mysqli_query($conn, "SELECT * FROM users WHERE usersId = '$targetId'");
20                     $user = mysqli_fetch_all($res, MYSQLI_ASSOC)[0];
21
22                 } else {
23                     header("location: index.php");
24                     exit();
25                 }
26             } else {
27                 header("location: index.php");
28                 exit();
29             }
30         ?>
31
32         <div class="container">
33
34             <!-- notices -->
35             <?php
36                 if (isset($_SESSION["edit-account-success-msg"])) {
37                     echo '<div class="alert alert-success" role="alert">' . $_SESSION["edit-account-success-msg"] . '</div>';
38                 }
39                 unset($_SESSION["edit-account-success-msg"]);
40             ?>
41
42             <!-- three forms below, each of changing username, email and password -->
43
44             <form method="post" action="includes/edit-account.inc.php">
45                 <hr><h3>Edit username</h3>
46
47                 <!-- errors -->
48                 <?php
49                     if (isset($_SESSION["edit-account-error-username"])) {
50                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-account-error-username"] . '</div>';
51                     }
52                     unset($_SESSION["edit-account-error-username"]);
53                 ?>
54
55                 <div class="form-field">
56                     <label for="username">Username: </label>
57
58                     <input type="text" id="username" name="username" placeholder="Enter username" value="<?php echo $user["usersUsername"]?>">
59                     <small class="respond" id="rsp-username"></small>
60                 </div>
61
62                 <input type="hidden" name="profile-url" value="<?php echo $_SERVER['QUERY_STRING'];?>"> <!-- to send the query url in the head -->
63
64                 <input type="hidden" name="changeUsername">
65                 <button type="submit" class="btnSubmit" name="btnSubmit">Change Username</button>
66             </form>
67
68             <!-- change email -->
69             <form method="post" action="includes/edit-account.inc.php">
70                 <hr><h3>Edit email</h3>
71
72                 <!-- errors -->
73                 <?php
74                     if (isset($_SESSION["edit-account-error-email"])) {
75                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-account-error-email"] . '</div>';
76                     }
77                     unset($_SESSION["edit-account-error-email"]);
78                 ?>
79
80                 <div class="form-field">
81                     <label for="email">E-mail: </label>
82                     <input type="text" id="email" name="email" placeholder="Enter Email" value="<?php echo $user["usersEmail"]?>">
83                     <small class="respond" id="rsp-email"></small>
84                 </div>
85             </form>
86         </div>
87     </div>
88 </div>
```

```

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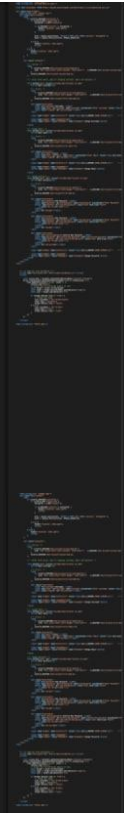
<input type="hidden" name="profile-url" value="php echo $_SERVER['QUERY_STRING'];?&gt;"&gt; &lt;!--to send the query url in the head
&lt;input type="hidden" name="changeEmail"&gt;
&lt;button type="submit" class="btnSubmit" name="btnSubmit"&gt;Change Email&lt;/button&gt;
&lt;/form&gt;
&lt;!-- change password --&gt;
&lt;form method="post" id="" action="includes/edit-account.inc.php"&gt;
&lt;hr&gt;&lt;h3&gt;Edit password&lt;/h3&gt;
&lt;!-- errors --&gt;
&lt;?php
    if (isset($_SESSION['edit-account-error-pwd'])) {
        echo '&lt;div class="alert alert-danger" role="alert"&gt;' . $_SESSION["edit-account-error-pwd"] . '&lt;/div&gt;';
    }
    unset($_SESSION['edit-account-error-pwd']);
?&gt;
&lt;div class="form-field"&gt;
    &lt;label for="password"&gt;Old Password: &lt;/label&gt;
    &lt;input type="password" id="old-password" name="old-password" placeholder="Enter Password"&gt;
    &lt;button type="button" id="view-old-password" class="view" data-view="false"&gt;
        &lt;i class="far fa-eye-slash"&gt;&lt;/i&gt;
    &lt;/button&gt;
    &lt;small id="rsp-pwd"&gt;&lt;/small&gt;
&lt;/div&gt;
&lt;div class="form-field"&gt;
    &lt;label for="password"&gt;New Password: &lt;/label&gt;
    &lt;input type="password" id="new-password" name="new-password" placeholder="Enter Password"&gt;
    &lt;button type="button" id="view-new-password" class="view" data-view="false"&gt;
        &lt;i class="far fa-eye-slash"&gt;&lt;/i&gt;
    &lt;/button&gt;
    &lt;small id="rsp-pwd"&gt;&lt;/small&gt;
&lt;/div&gt;
&lt;div class="form-field"&gt;
    &lt;label for="confirm-password"&gt;Confirm New Password: &lt;/label&gt;
    &lt;input type="password" id="confirm-new-password" name="confirm-new-password" placeholder="Repeat Password"&gt;
    &lt;button type="button" id="view-confirm-new-password" class="view" data-view="false"&gt;
        &lt;i class="far fa-eye-slash"&gt;&lt;/i&gt;
    &lt;/button&gt;
    &lt;small id="rsp-con-apwd"&gt;&lt;/small&gt;
&lt;/div&gt;
&lt;input type="hidden" name="profile-url" value="<?php echo $_SERVER['QUERY_STRING'];?&gt;"&gt; &lt;!--to send the query url in the head
&lt;input type="hidden" name="changePwd"&gt;
&lt;button type="submit" class="btnSubmit" name="btnSubmit"&gt;Change Password&lt;/button&gt;
&lt;/form&gt;
&lt;/div&gt;
&lt;/div&gt;
</pre

```

```

141
142
143 <!-- js code for live validation -->
144 <script type="text/javascript" src="scripts/validation.js"></script>
145 <script>
146
147     const vision_btns = document.getElementsByClassName("container-respond");
148     Array.from(document.getElementsByClassName("view")).forEach(item => {
149         item.addEventListener('click', event => {
150             console.log("hello")
151             // target and currentTarget beware of this
152             const target = event.currentTarget;
153             const input = target.parentElement.querySelector("input");
154             const icon = target.querySelector("i");
155
156             if (target.dataset.view == "true") {
157                 // change the image
158                 icon.className = "far fa-eye-slash";
159                 input.type = "password";
160                 target.dataset.view = "false";
161             } else {
162                 icon.className = "far fa-eye";
163                 input.type = "text";
164                 target.dataset.view = "true";
165             }
166         })
167     })
168
169 </script>
170
171 <?php include_once 'footer.php';?>

```



edit_book.php

```
edit_book.php X
lms > edit_book.php > ...
1  <?php include_once 'header.php';>
2  <?php include_once 'includes/dbh.inc.php';
3
4  require 'vendor/autoload.php';
5
6  function invalidISBN($isbn_no) {
7      $isbn = new ISBN\ISBN();
8      $result;
9      if ($isbn->validation->isbn($isbn_no)) {
10         $result = false;
11     } else {
12         $result = true;
13     }
14     return $result;
15 }
16 >>
17
18
19 <link rel="stylesheet" href="stylesheets/alert.css">
20 <link rel="stylesheet" href="stylesheets/add_books.css">
21 <div class="page-wrapper">
22     <?php include_once 'sidebar.php'?>
23     <div class="main-content">
24         <?php
25             if (isset($_SESSION["userid"])) {
26                 $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"));
27                 ["usersType"];
28                 if ($type != "admin") {
29                     header("location: manage_books.php");
30                     exit();
31                 }
32                 // admin access: ok
33                 if (isset($_GET["id"])) {
34                     $targetISBN = $_GET["id"];
35
36                     if (invalidISBN($targetISBN)) {
37                         header("location: manage_books.php");
38                         exit();
39                     } else {
40                         // admin access: ok, link with isbn id: ok
41                         >>
42
43                         <!-- retrieve book current data -->
44                         <?php
45                             $res = mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$targetISBN'");
46                             $book = mysqli_fetch_all($res, MYSQLI_ASSOC)[0];
47                         >>
48
49                         <!-- notices -->
50                         <?php
51                             if (isset($_SESSION["edit-book-success-msg"])) {
52                                 echo '<div class="alert alert-success" role="alert">' . $_SESSION["edit-book-success-msg"] . '</div>';
53                                 unset($_SESSION["edit-book-success-msg"]);
54                             }
55                         >>
56
57                         <h1 class="title">Edit book: <?php echo $book["booksTitle"];?> - <?php echo $targetISBN;?></h1>
58
59                         <!-- edit image -->
60                         <form class="book-info" action="includes/edit-book.inc.php" method="POST" enctype="multipart/form-data">
61
62                             <h2 class="text-center">Upload book cover</h2>
63                             <div class="form-group text-center">
64                                 <span class="img-div">
65                                     <div class="text-center img-placeholder" onClick="triggerClick()">
66                                         <h4>Upload book cover (file size must not exceed 1MB)</h4>
67                                     </div>
68                                 </span>
69
70                                 <?php
71                                     if (isset($_SESSION["edit-book-error-img"])) {
72                                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-img"] . '</div>';
73                                         unset($_SESSION["edit-book-error-img"]);
74                                     }
75                                 >>
76
77                                 ?"
78                                     onClick="triggerClick()" id="book-cover-display" width="60%">
79                                 </span>
80                                 <input type="file" name="book-cover" onChange="displayImage(this)" id="book-cover" class="form-control"
81                                     style="display: none; accept=".jpg,.jpeg,.png">

```

```

80         <label>Book Cover</label>
81
82         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>">
83         <input type="hidden" name="changeBookCover">
84         <button type="submit" id="btnSubmit" name="btnSubmit">Change Book Cover</button>
85         or <a href="includes/reset-book-cover.inc.php?target=<?php echo $targetISBN;?>" onclick="return confirm
            ('Are you sure you want to reset this book\'s image to the default one? ')>reset to default book
            cover</a>
86     </div>
87 </form>
88
89 <!-- edit isbn -->
90 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
91     <div class="form-field">
92         <label for="isbn">ISBN Number: </label>
93         <?php
94             if (isset($_SESSION["edit-book-error-isbn"])) {
95                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-isbn"] . '</div>';
96                 unset($_SESSION["edit-book-error-isbn"]);
97             }
98         >
99         <input type="text" id="isbn" name="isbn" placeholder="Enter ISBN number" value="<?php echo $book
            ['booksISBN'];?>">
100         <small id="rsp-isbn"></small>
101
102         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>">
103         <input type="hidden" name="changeISBN">
104         <button type="submit" id="btnSubmit" name="btnSubmit">Change ISBN</button>
105     </div>
106 </form>
107
108 <!-- edit quantity -->
109 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
110     <div class="form-field">
111         <label for="quantity">Quantity: </label>
112         <?php
113             if (isset($_SESSION["edit-book-error-quantity"])) {
114                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-quantity"] .
                    '</div>';
115                 unset($_SESSION["edit-book-error-quantity"]);
116             }
117         >
118         <input type="number" id="quantity" name="quantity" placeholder="Enter quantity" value="<?php echo $book
            ['booksQuantity'];?>">
119         <small id="rsp-quantity"></small>
120
121         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>">
122         <input type="hidden" name="changeQuantity">
123         <button type="submit" id="btnSubmit" name="btnSubmit">Change Quantity</button>
124     </div>
125 </form>
126
127 <!-- edit title -->
128 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
129     <div class="form-field">
130         <label for="title">Title: </label>
131         <?php
132             if (isset($_SESSION["edit-book-error-title"])) {
133                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-title"] . '</div>';
134                 unset($_SESSION["edit-book-error-title"]);
135             }
136         >
137         <input type="text" id="title" name="title" placeholder="Enter title" value="<?php echo $book
            ['booksTitle'];?>">
138         <small id="rsp-title"></small>
139
140         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>">
141         <input type="hidden" name="changeTitle">
142         <button type="submit" id="btnSubmit" name="btnSubmit">Change Title</button>
143     </div>
144 </form>
145
146 <!-- edit author -->
147 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
148     <div class="form-field">
149         <label for="author">Author: </label>
150         <?php
151             if (isset($_SESSION["edit-book-error-author"])) {
152                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-author"] . '</div>';
153                 unset($_SESSION["edit-book-error-author"]);
154             }
155         >

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```

155     }
156     }
157     <input type="text" id="author" name="author" placeholder="Enter author" value="<?php echo $book
158     ['booksAuthor'];?>" />
159     <small id="rsp-author"></small>
160     <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>" />
161     <input type="hidden" name="changeAuthor">
162     <button type="submit" id="btnSubmit" name="btnSubmit">Change Author</button>
163   </div>
164 </form>
165
166 <!-- edit description -->
167 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
168   <div class="form-field area">
169     <label for="description">Description:</label>
170     <textarea name="description" id="description" cols="30" rows="3" style="resize: none;"><?php echo $book
171     ['booksDescription'];?></textarea>
172     <small id="rsp-description"></small>
173     <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>" />
174     <input type="hidden" name="changeDesc">
175     <button type="submit" id="btnSubmit" name="btnSubmit">Change Description</button>
176   </div>
177 </form>
178
179 <!-- edit category -->
180 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
181   <div class="form-field">
182     <label for="category">Category: </label>
183
184     <?php
185     if (isset($_SESSION["edit-book-error-category"])) {
186       echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-category"] .
187       '</div>';
188       unset($_SESSION['edit-book-error-category']);
189     }
190
191     <input list="category-list" id="category" name="category" placeholder="Enter category" value="<?php
192     echo $book['booksCategory'];?>" />
193     <datalist id="category-list">
194       <option value="History"></option>
195       <option value="Comics"></option>
196       <option value="Fiction"></option>
197       <option value="Non-Fiction"></option>
198       <option value="Biography"></option>
199       <option value="Medical"></option>
200       <option value="Fantasy"></option>
201       <option value="Education"></option>
202       <option value="Sports"></option>
203       <option value="Technology"></option>
204       <option value="Literature"></option>
205     </datalist>
206     <small id="rsp-category"></small>
207     <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>" />
208     <input type="hidden" name="changeCategory">
209     <button type="submit" id="btnSubmit" name="btnSubmit">Change Category</button>
210   </div>
211 </form>
212
213 <!-- edit publisher -->
214 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
215   <div class="form-field">
216     <label for="publisher">Publisher: </label>
217
218     <?php
219     if (isset($_SESSION["edit-book-error-publisher"])) {
220       echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-publisher"] .
221       '</div>';
222       unset($_SESSION['edit-book-error-publisher']);
223     }
224
225     <input type="text" id="publisher" name="publisher" placeholder="Enter publisher" value="<?php echo $book
226     ['booksPublisher'];?>" />
227     <small id="rsp-publisher"></small>
228     <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>" />
229     <input type="hidden" name="changePublisher">
230     <button type="submit" id="btnSubmit" name="btnSubmit">Change Publisher</button>
231   </div>
232 </form>
233
234 <!-- edit language -->
235 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
236   <div class="form-field">
237     <label for="language">Language: </label>
238
239     <?php
240     if (isset($_SESSION["edit-book-error-language"])) {
241       echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-language"] .
242       '</div>';
243       unset($_SESSION['edit-book-error-language']);
244     }
245
246     <input type="text" id="language" name="language" placeholder="Enter language" value="<?php echo $book
247     ['booksLanguage'];?>" />
248     <small id="rsp-language"></small>
249     <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>" />
250     <input type="hidden" name="changeLanguage">
251     <button type="submit" id="btnSubmit" name="btnSubmit">Change Language</button>
252   </div>
253 </form>

```

```

233         if (isset($_SESSION["edit-book-error-language"])) {
234             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-language"] .
                '</div>';
235             unset($_SESSION["edit-book-error-language"]);
236         }
237     }
238 }
239
240 <input list="language-list" name="language" value="<?php echo $book['booksLanguage'];?>"
placeholder="Enter language">
241 <datalist id="language-list">
242     <option value="English">
243     <option value="Mandarin Chinese">
244     <option value="Hindi">
245     <option value="Spanish">
246     <option value="Standard Arabic">
247     <option value="Bengali">
248     <option value="French">
249     <option value="Russian">
250     <option value="Portuguese">
251     <option value="Urdu">
252     <option value="Indonesian">
253     <option value="Standard German">
254     <option value="Japanese">
255     <option value="Marathi">
256     <option value="Telugu">
257     <option value="Turkish">
258     <option value="Tamil">
259     <option value="Korean">
260 </datalist>
261 <small id="rsp-language"></small>
262 <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>"
263 <input type="hidden" name="changeLanguage">
264 <button type="submit" id="btnSubmit" name="btnSubmit">Change Language</button>
265 </div>
266 </form>
267
268 <!-- edit price -->
269 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
270     <div class="form-field">
271         <label for="price">Price: </label>
272         <?php
273             if (isset($_SESSION["edit-book-error-price"])) {
274                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-price"] . '</div>';
275                 unset($_SESSION["edit-book-error-price"]);
276             }
277         <?>
278         <input type="text" name="currency-field" id="currency-field" pattern="^\$d{1,3}(,d{3})*(\.\d+)?$"
data-type="currency" placeholder="$00.00" value="<?php echo $book['booksPrice'];?>"
279         <small id="rsp-currency-field"></small>
280         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>"
281         <input type="hidden" name="changePrice">
282         <button type="submit" id="btnSubmit" name="btnSubmit">Change Price</button>
283     </div>
284 </form>
285
286 <!-- edit year -->
287 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
288     <div class="form-field">
289         <label for="year">Year: </label>
290         <?php
291             if (isset($_SESSION["edit-book-error-year"])) {
292                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-year"] . '</div>';
293                 unset($_SESSION["edit-book-error-year"]);
294             }
295         <?>
296         <select name="year" id="year"></select>
297         <small id="rsp-year"></small>
298         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>"
299         <input type="hidden" name="changeYear">
300         <button type="submit" id="btnSubmit" name="btnSubmit">Change Publication Year</button>
301     </div>
302 </form>
303
304 <!-- edit pages -->
305 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
306     <div class="form-field">
307         <label for="pages">Pages: </label>
308         <?php
309             if (isset($_SESSION["edit-book-error-pages"])) {
310                 echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-pages"] . '</div>';
311                 unset($_SESSION["edit-book-error-pages"]);

```

```

312         div>;
313         unset($_SESSION['edit-book-error-pages']);
314     }
315
316     <?>
317     <input type="number" id="pages" name="pages" placeholder="Enter pages" value="<?php echo $book
318     ['booksPages'];?>">
319     <small id="rsp-pages"></small>
320     <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>">
321     <input type="hidden" name="changePages">
322     <button type="submit" id="btnSubmit" name="btnSubmit">Change Number of Pages</button>
323 </div>
324 </form>
325 <!-- edit shelf -->
326 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
327     <div class="form-field">
328         <label for="shelf">Shelf: </label>
329         <?php
330         if (isset($_SESSION["edit-book-error-shelf"])) {
331             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-shelf"] . '</
332             div>';
333             unset($_SESSION['edit-book-error-shelf']);
334         }
335         <?>
336         <input type="text" id="shelf" name="shelf" placeholder="Enter shelf" value="<?php echo $book
337         ['booksShelf'];?>">
338         <small id="rsp-shelf"></small>
339         <input type="hidden" name="book-url" value="<?php echo $_SERVER['QUERY_STRING'];?>">
340         <input type="hidden" name="changeShelf">
341         <button type="submit" id="btnSubmit" name="btnSubmit">Change Shelf</button>
342     </div>
343 </form>
344 <?php
345 } else {
346     header("location: manage_books.php");
347     exit();
348 }
349 } else {
350     header("location: manage_books.php");
351     exit();
352 }
353 <?>
354 </div>
355 </div>
356
357 <script>
358     function triggerClick(e) {
359         document.getElementById('book-cover').click();
360     }
361     function displayImage(e) {
362         if (e.files[0]) {
363             var reader = new FileReader();
364             reader.onload = function(e){
365                 document.querySelector("#book-cover-display").setAttribute('src', e.target.result);
366             }
367             reader.readAsDataURL(e.files[0]);
368         }
369     }
370     document.getElementById('book-cover-display').addEventListener("error", function() {
371         this.src = "uploads/book-covers/<?php echo $book['booksCoverImage'];?>";
372     });
373 </script>
374
375 <script>
376     const start = 1900;
377     const end = new Date().getFullYear();
378     let options = "";
379     for(let year = start ; year <=end; year++){
380         options += "<option>" + year + "</option>";
381     }
382     document.getElementById("year").innerHTML = options;
383     document.getElementById("year").value = "<?php echo $book['booksYear'];?>";
384 </script>
385 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
386 <script src="scripts/price_input.js"></script>
387
388 <?php include_once 'footer.php';?>
389

```

feedback.php

```
feedback.php X
lms > feedback.php
1 <?php include_once 'header.php';
2 <link rel="stylesheet" href="stylesheets/feedback.css">
3
4 <div class="page-wrapper">
5     <?php include_once 'sidebar.php';
6     <div class="form-wrapper">
7         <div class="feedback-form">
8             <div class="title-container">
9                 <h4>Feedback Form</h4>
10            </div>
11            <?php
12                if (isset($_SESSION["give-feedback-error-empty"])) {
13                    echo $_SESSION["give-feedback-error-empty"];
14                    unset($_SESSION["give-feedback-error-empty"]);
15                }
16            >
17            <form action="includes/feedback.inc.php" method="post">
18                <fieldset class="form-field_name">
19                    <legend>Name</legend>
20                    <div class="form-field">
21                        <?php
22                            if (isset($_SESSION["give-feedback-error-username"])) {
23                                echo $_SESSION["give-feedback-error-username"];
24                                unset($_SESSION["give-feedback-error-username"]);
25                            }
26                        >
27                        <input type="text" id="name" name="name" placeholder="Enter name">
28                        <label for="name">First Name</label>
29                    </div>
30
31                    <div class="form-field">
32                        <?php
33                            if (isset($_SESSION["give-feedback-error-username"])) {
34                                echo $_SESSION["give-feedback-error-username"];
35                                unset($_SESSION["give-feedback-error-username"]);
36                            }
37                        >
38                        <input type="text" id="name" name="name" placeholder="Enter name">
39                        <label for="name">Last Name</label>
40                    </div>
41                </fieldset>
42
43                <div class="form-field">
44                    <?php
45                        if (isset($_SESSION["give-feedback-error-email"])) {
46                            echo $_SESSION["give-feedback-error-email"];
47                            unset($_SESSION["give-feedback-error-email"]);
48                        }
49                    >
50                    <label for="email">Email: </label>
51                    <input type="email" id="email" name="email" placeholder="Enter email">
52                </div>
53
54                <div class="form-field">
55                    <p>Please provide your feedback on the experience</p>
56                    <div class="emoji-wrapper">
57                        <label class="emoji-container">
58                            <input type="radio" id="" class="sad" name="feedback" value="Bad">
59                            <i class="far fa-frown"></i>
60                        </label>
61                        <label class="emoji-container">
62                            <input type="radio" id="" class="average" name="feedback" value="Average">
63                            <i class="far fa-meh"></i>
64                        </label>
65                        <label class="emoji-container">
66                            <input type="radio" id="" class="happy" name="feedback" value="Good">
67                            <i class="far fa-smile"></i>
68                        </label>
69                    </div>
70                </div>
71
72                <div class="form-field textarea-field">
73                    <label for="comment">Do you have suggestions on what we can do to provide you with a better experience?</label>
74                    <textarea name="comment" id="comment" cols="30" rows="8" style="resize: none;"></textarea>
75                </div>
76                <div class="submit-wrapper">
77                    <button type="submit" class="form-submit" name="submit-feedback">Submit</button>
78                </div>
79            </form>
80        </div>
81    </div>
82</div>
83<?php include_once 'footer.php';
```

footer.php

```
1 <footer>
2   <div class="footer_content">
3     <div class="about-us">
4       <a href="about_us.php"><h4>About Us</h4></a>
5     <div class="content-wrapper">
6       <span>You can follow us on our social medias to get the latest information about library. </span>
7     <div class="social-links">
8       <nav>
9         <a title="Follow and like us on Facebook" href="https://www.facebook.com/Pathfinder-102055062196215/"
10          target="_blank"><span class="fab fa-facebook-f"></span></a>
11         <a title="Follow and like us on Instagram" href="https://www.instagram.com/pathfinderlibms/" target="_blank"><span
12          class="fab fa-instagram"></span></a>
13         <a title="Give us a star on Github" href="https://github.com/jPRO-22/pathfinder" target="_blank"><span class="fab
14          fa-github"></span></a>
15       </nav>
16     </div>
17   </div>
18 </div>
19
20 <div class="operating-hours">
21   <h4>Opening Hours</h4>
22   <table class="timetable">
23     <thead>
24       <th>Weekdays</th>
25       <th>Recess</th>
26       <th>|</th>
27       <th>After School</th>
28     </thead>
29     <tbody>
30       <tr>
31         <td>Monday:</td>
32         <td>10:20-11:20</td>
33         <td>|</td>
34         <td>14:00-16:00</td>
35       </tr>
36       <tr>
37         <td>Tuesday:</td>
38         <td>10:20-11:20</td>
39         <td>|</td>
40         <td>14:00-16:00</td>
41       </tr>
42       <tr>
43         <td>Wednesday:</td>
44         <td>10:00-11:00</td>
45         <td>|</td>
46         <td>Closed</td>
47       </tr>
48       <tr>
49         <td>Thursday:</td>
50         <td>10:20-11:20</td>
51         <td>|</td>
52         <td>14:00-16:00</td>
53       </tr>
54       <tr>
55         <td>Friday:</td>
56         <td>10:00-11:00</td>
57         <td>|</td>
58         <td>Closed</td>
59       </tr>
60     </tbody>
61   </table>
62 </div>
63
64 <div class="footer_bottom">
65   &copy; Pathfinder <?php echo date("Y");?> | Designed by Tan Ting Hong and Yeo Xian Hui from SMK Yok Bin Melaka
66 </div>
67 </footer>
68
69 <script id="dsq-count-scr" src="//pathfinderlibms.disqus.com/count.js" async></script>
70
71 </body>
72 </html>
```

header.php

```
header.php X
lms > header.php
1  <?php
2      session_start();
3  <?
4
5  <html lang="en">
6  <head>
7      <meta charset="UTF-8">
8      <meta http-equiv="X-UA-Compatible" content="IE=edge">
9      <meta name="viewport" content="width=device-width, initial-scale=1.0">
10     <title>Pathfinder</title>
11     <link rel="apple-touch-icon" sizes="180x180" href="icons/logo/apple-touch-icon.png">
12     <link rel="icon" type="image/png" sizes="16x16" href="icons/logo/favicon-16x16.png">
13     <link rel="manifest" href="icons/logo/site.webmanifest">
14     <link rel="stylesheet" href="stylesheets/header.css" />
15     <link rel="stylesheet" href="stylesheets/notification.css" />
16     <link rel="stylesheet" href="stylesheets/sidebar.css">
17     <link rel="stylesheet" href="stylesheets/footer.css" />
18     <link rel="stylesheet" href="stylesheets/animation/hamburger.css" />
19     <link rel="stylesheet" href="perfect-scrollbar-master/css/perfect-scrollbar.css">
20     <script src="https://kit.fontawesome.com/a076d05399.js" crossorigin="anonymous"></script>
21 </head>
22
23 <body>
24
25     <!-- Messenger Chat plugin Code -->
26     <div id="fb-root"></div>
27
28     <!-- Your Chat plugin code -->
29     <div id="fb-customer-chat" class="fb-customerchat">
30     </div>
31
32     <script>
33     var chatbox = document.getElementById('fb-customer-chat');
34     chatbox.setAttribute("page_id", "102055062196215");
35     chatbox.setAttribute("attribution", "biz_inbox");
36
37     window.fbAsyncInit = function() {
38         FB.init({
39             xfbml      : true,
40             version     : 'v11.0'
41         });
42     };
43
44     (function(d, s, id) {
45         var js, fjs = d.getElementsByTagName(s)[0];
46         if (d.getElementById(id)) return;
47         js = d.createElement(s); js.id = id;
48         js.src = 'https://connect.facebook.net/en_US/sdk/xfbml.customerchat.js';
49         fjs.parentNode.insertBefore(js, fjs);
50     })(document, 'script', 'facebook-jssdk');
51 </script>
52
53     <header>
54         <div class="header-container">
55             <div class="left">
56                 <button type="button" class="hamburger hamburger--elastic">
57                     <span class="hamburger-box">
58                         <span class="hamburger-inner"></span>
59                     </span>
60                 </button>
61                 <div class="logo-container">
62                     
63                     <h3>Yok Bin Library</h3>
64                 </div>
65             </div>
66             <nav class="header-nav">
67                 <div class="menu">
68                     <span>
69                         <a href="#" class="btn-icon">
70                             <span class="btn-icon-wrapper">
71                                 <i class="fas fa-ellipsis-v"></i>
72                             </span>
73                         </a>
74                     </span>
75                 </div>
76             </nav>
77             <ul class="menu-content">
78
79                 <li><a href="index.php">Home</a></li>
80                 <li><a href="books.php">Books</a></li>
81
82             <?php
83             if (isset($_SESSION["userid"])) {
```

```

85     echo "<li><a href='profile.php'>Profile</a></li>";
86     echo "<li><a href='includes/logout.inc.php'>Log Out</a></li>";
87     echo "<li class='notification'>";
88         <a href="#" onclick="return false">
89             <div class='notBtn' href="#" onclick="return false">
90                 <div class='number'></div>
91                 <i class='fas fa-bell'></i>
92                 <div class='box'>
93                     <div class='display'>
94                         <div class='nothing'>
95                             <i class='fas fa-child stick'></i>
96                             <div class='cent'>Looks Like your all caught up!</div>
97                         </div>
98                         <div class='cont'>
99                             </div>
100                     </div>
101                 </div>
102             </a>
103         </li>";
104     } else {
105         echo "<li><a href='entry/signup.php'>Sign up</a></li>";
106         echo "<li><a href='entry/login.php'>Log In</a></li>";
107     }
108 }
109 >
110 </ul>
111 </nav>
112 </div>
113 </header>
114
115 <?php if(isset($_SESSION["userid"])) {
116     echo '<script>
117     const user = `$_SESSION["userid"]`;
118
119     function setFlagRead(notificationId) {
120         const xhr = new XMLHttpRequest();
121         xhr.open("POST", "includes/read-notification.inc.php", true);
122         xhr.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
123         xhr.send("notificationId=" + notificationId);
124     }
125
126     function getNotification() {
127         const xhr = new XMLHttpRequest();
128         xhr.open("POST", "includes/get-notification.inc.php", true);
129         xhr.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
130         xhr.onload = function() {
131             if(this.status === 200) {
132                 let response = this.responseText;
133                 let notifications = JSON.parse( response ); // create JSON object from response
134                 const container = document.getElementsByClassName("cont")[0];
135                 const nothing = document.getElementsByClassName("nothing")[0];
136
137                 let i, row, num = 0;
138                 if(notifications.length) {
139                     nothing.style.display = "none";
140                 }
141
142                 for (i = 0; i < notifications.length; i++){
143                     let notificationId = notifications[i].id;
144                     let time = notifications[i].timestamp;
145                     let text = notifications[i].text;
146                     let read = notifications[i].read;
147
148                     if (typeof read == "string") {
149                         read = parseInt(read)
150                     }
151
152                     let className = "sec";
153                     if(!read) {
154                         num++;
155                         className += " new"
156                     }
157
158                     row = `
159                     <div id="${notificationId}" class="${className}">
160                         <div class="txt">${text}</div>
161                         <div class="sub">${time}</div>
162                     </div>
163
164                     container.innerHTML = row + container.innerHTML;
165
166                     // add notification into your HTML here
167                 }
168                 if(num) {

```

```

169         document.getElementsByClassName("number")[0].textContent = num
170     }
171
172     Array.from(document.getElementsByClassName("sec")).forEach(element => {
173         element.addEventListener("click", function() {
174             if(element.classList.contains("new")) {
175                 element.classList.remove("new");
176                 if(--num) {
177                     document.getElementsByClassName("number")[0].textContent = num;
178                 } else {
179                     document.getElementsByClassName("number")[0].textContent = "";
180                 }
181                 setFlagRead(element.id);
182             }
183         });
184     });
185 }
186 }
187 xhr.send("user="+user);
188 }
189 getNotification();
190 </script>';
191 }?>
192

```

index.php

```
index.php x
lms > index.php
1 <?php
2 include_once 'header.php';
3 include_once 'includes/dbh.inc.php';
4 ?>
5
6 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.9.0/slick-theme.min.css"
  integrity="sha512-17EgCFERpgZKcm0j0fEeq1YCJuyAWdz9KUtv1EjVua0z8pDnh/0nZxmUG6BBXwaaxqoi9PQXnRWq1cDB027hgv9A==" crossorigin="anonymous"
  referrerpolicy="no-referrer" />
7 <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.9.0/slick.min.css" integrity="sha512-yHknP1/AwR
  +yx26CB1y0cjvQUMvEa2PFzt1c9L154pRQ5NOTZFWhbBig+X9G9eYW/8m0/40XN88pxJ6z57X8dw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
8
9 <div class="page-wrapper">
10 <?php include_once 'sidebar.php'?>
11
12 <?php
13 if (isset($_SESSION["userid"])) {
14     $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"))["usersType"];
15
16     echo '<h1 class="welcome">Welcome back, ' . $_SESSION["username"] . ' </h1>';
17
18     if (!isset($_SESSION["reminderPushed"])) {
19
20         $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"));
21
22         // list of books borrowed
23         $borrowedBooks = array_slice(explode(",", $user["borrowedBooks"]), 1);
24
25         if (!empty($borrowedBooks)) {
26             foreach ($borrowedBooks as $borrowedBook) {
27                 $notification = "";
28                 $tmp = explode(">", $borrowedBook);
29                 $isbn = $tmp[0];
30                 $expirydate = $tmp[1];
31
32                 $diff = (strtotime($expirydate) - strtotime('today')) / 24 / 60 / 60;
33
34                 if ($diff < 0) {
35                     $status = "late";
36                 } else if ($diff == 0) {
37                     $status = "today";
38                 } else if ($diff == 1) {
39                     $status = "tomorrow";
40                 }
41
42                 $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$isbn'"));
43                 $title = $book["booksTitle"];
44
45                 if (isset($status)) {
46                     if ($status == "late") {
47                         $notification = "Title ($isbn) has already reached the deadline. Please return it at your profile.";
48                     } elseif ($status == "today" || $status == "tomorrow") {
49                         $notification = "Title ($isbn) has is due by $status. Remember to return it.";
50                     }
51                     mysqli_query($conn, "INSERT INTO 'notification' (userId, 'text') VALUES ('" . $_SESSION["userid"] . "',
52                         '$notification')");
53
54                     unset($status);
55                 }
56             }
57
58             $_SESSION["reminderPushed"] = true;
59         }
60     }
61 ?>
62
63 <link rel="stylesheet" href="stylesheets/homepage.css" />
64 <div class="main-content">
65 <section class="content search-box">
66 
67 <form id="search-form" action="books.php">
68 <div class="form-field">
69 <input type="text" name="searchValue" id="searchValue" placeholder="Enter your search here..." />
70 <small class="respond" id="rsp_searchValue"></small>
71 </div>
72 <button type="submit" class="search-submit"><i class="fas fa-search"></i></button><br>
73 </form>
74 </section>
75 <section class="content events">
76 <div class="content-wrapper">
77 <section class="recent-news">
78 <div class="news_title">
79 <h2 class="news-title">Recent News</h2>
80 <div class="news-title-page">
81 <a href="/all-news">See Full list</a>
```

```

82     </div>
83 </div>
84 <div class="news_content">
85     <div class="main_content">
86         
87         <div class="description">
88             <h3>Homecoming of NILAM</h3>
89             <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. In molestias dolore rem nemo repudiandae
90             deleniti natus, unde perspiciatis eum, ab fugit nisi laborum placeat soluta quasi id doloribus impedit odio.
91             </p>
92             <a href="">For more information</a>
93         </div>
94     </div>
95     <div class="sub_content">
96         <div>
97             
98             <div class="description">
99                 <h3>Quiz Competition</h3>
100                 <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.</p>
101                 <a href="">For more information</a>
102             </div>
103         </div>
104         <div>
105             
106             <div class="description">
107                 <h3>Quiz Competition</h3>
108                 <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.</p>
109                 <a href="">For more information</a>
110             </div>
111         </div>
112         <div>
113             
114             <div class="description">
115                 <h3>Quiz Competition</h3>
116                 <p>Lorem ipsum dolor sit amet consectetur adipisicing elit.</p>
117                 <a href="">For more information</a>
118             </div>
119         </div>
120     </div>
121 </section>
122 <section class="upcoming-events">
123     <div class="events_title">
124         <h2 class="events-title">Upcoming news events</h2>
125         <div class="events-title-page">
126             <a href="/all-events">See Full list</a>
127         </div>
128     </div>
129     <div class="events_content">
130         <div>
131             <h4><a href="">Nation Independence Day</a></h4>
132             <span>31/8/2021</span>
133             <a href="">Details</a>
134         </div>
135         <div>
136             <h4><a href="">Speech By Uni Prof</a></h4>
137             <span>25/8/2021</span>
138             <a href="">Details</a>
139         </div>
140         <div>
141             <h4><a href="">Event</a></h4>
142             <span>Date</span>
143             <a href="">Details</a>
144         </div>
145     </div>
146 </section>
147 </section>
148
149
150
151 <section class="content recent-books">
152     <div class="title-description">
153         <h2>Books Release</h2>
154         <p>
155             Find and explore your new favourite books handpicked by our staff. Our collection is wide and we add on to it very
156             regularly.
157         </p>
158     </div>
159
160     <div class="carousel">
161         <div class="carousel-wrapper">
162             <div class="slider">

```

```

163     <?php
164         $sql = "SELECT booksCoverImage FROM books WHERE booksCoverImage != 'default-book-cover.png' ORDER BY dateAdded
165             LIMIT 10;";
166
167         if($result = mysqli_query($conn, $sql)) {
168             while($row = mysqli_fetch_assoc($result)) {
169                 $image = $row["booksCoverImage"];
170                 echo "<div class='slide-item'>
171                     <div class='image-container'>
172                         <img src='uploads/book-covers/$image' alt=''>
173                     </div>";
174                 }
175             }
176         }
177     </div>
178 </div>
179 </div>
180 </div>
181 </section>
182 </div>
183
184
185 </div>
186 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
187 <script src="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.9.0/slick.min.js" integrity="sha512-HGonQ09
+SP1V92SrtZfjqqxxtLmVzqZpjFekvzZVmo1ASSQg5r4cw9Kqd2+18Llp4Gm008GIFJ4ddwZilcDb8A==" crossorigin="anonymous" referrerpolicy="no-referrer"></
script>
188 <script>
189     $(".slider").slick({
190         autoplay: true,
191         autoplaySpeed: 4000,
192         slidesToShow: 1,
193         speed: 500,
194         dots: true,
195         prevArrow: '<i class="fas fa-angle-left prev-arrow"></i>',
196         nextArrow: '<i class="fas fa-angle-right next-arrow"></i>'
197     });
198 </script>
199 <script>
200     const searchForm = document.getElementById("search-form");
201     const errorRespond = document.getElementById("rsp_searchValue");
202     searchForm.addEventListener("submit", function(event) {
203         event.preventDefault();
204         if(this.searchValue.value) {
205             location.assign("books.php?searchValue=" + this.searchValue.value);
206         } else {
207             errorRespond.textContent = "A value is needed";
208         }
209     });
210 </script>
211 <div class="slogan">
212     
213     <h1>Always visit the library whenever in doubt</h1>
214 </div>
215
216 <?php include_once "footer.php"?>

```

issued_books.php

```
issued_books.php X
lms > issued_books.php
1 <?php
2 if(!defined('dashboard2')) {
3     header("location: index.php");
4     exit;
5 }
6 }
7
8 <!-- list of issued books -->
9 <?php
10 $res = mysqli_query($conn, "SELECT usersUsername, borrowedBooks FROM users WHERE borrowedBooks <> ''");
11 $issuedBooks = mysqli_fetch_all($res, MYSQLI_ASSOC);
12 ?>
13
14 <?php foreach ($issuedBooks as $issuedBook => $details): ?>
15     <?php echo $details["usersUsername"];?>
16     <!-- table here -->
17     <div class="table-wrapper">
18         <table class="styled-table">
19             <thead>
20                 <th>Book</th>
21                 <th>ISBN</th>
22                 <th>Expiry date</th>
23             </thead>
24             <tbody>
25                 <?php foreach (array_slice(explode(",", $details["borrowedBooks"]), 1) as $detail): ?>
26                     <?php $tmp = explode(" ", $detail);?>
27                     <tr>
28                         <td></td>
29                         <td><?php echo $tmp[0];?></td>
30                         <td><?php echo $tmp[1];?></td>
31                     </tr>
32                 <?php endforeach;?>
33             </tbody>
34         </table>
35     </div>
36 <?php endforeach;?>
37
```

librarian.php

```
librarian.php X
lms > librarian.php
1 <?php include_once 'includes/dbh.inc.php';?>
2
3 <link rel="stylesheet" type="text/css" href="stylesheets/admin.css">
4
5 <?php include_once 'header.php'; ?>
6
7 <?php
8     if (isset($_SESSION["userid"])) {
9         $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))["usersType"];
10        if ($type != "librarian") {
11            header("location: index.php");
12            exit();
13        }
14    } else {
15        header("location: index.php");
16        exit();
17    }
18 ?>
19
20 <div class="page-wrapper">
21     <?php include_once 'sidebar.php'?>
22     <div class="main-content">
23
24         <?php define('dashboard', TRUE); ?>
25         <?php include_once 'dashboard.php'?>
26
27     </div>
28 </div>
29
30 <script>
31     const tableRows = document.querySelectorAll("table tbody tr");
32     Array.from(tableRows).forEach(element => {
33         element.addEventListener("click", function(){
34             const prevActive = element.parentElement.querySelector(".active-row");
35             if(prevActive) {
36                 prevActive.classList.remove("active-row");
37             }
38             element.classList.add("active-row");
39         })
40     })
41 </script>
42
43 <?php include_once 'footer.php'?>
```

manage_books.php

```
manage_books.php X
lms > manage_books.php
1  <?php include_once 'header.php'?>
2
3  <link rel="stylesheet" href="stylesheets/search_book.css">
4  <link rel="stylesheet" href="stylesheets/animation/loading.css">
5  <link rel="stylesheet" href="stylesheets/alert.css">
6
7  <div class="page-wrapper">
8      <?php include_once 'sidebar.php'?>
9      <div class="main-content">
10         <div class="form-wrapper">
11             <form id="search" action="">
12                 <div class="form-inner">
13                     <div class="form-field field_option">
14                         <h4>Search By:</h4>
15                         <input type="checkbox" id="options" name="options" value="all">
16                         <label for="options"> Search All</label><br>
17
18                         <input type="checkbox" class="switch" id="option1" name="option1" value="booksTitle">
19                         <label for="option1"> Book Title</label><br>
20
21                         <input type="checkbox" class="switch" id="option2" name="option2" value="booksISBN">
22                         <label for="option2"> ISBN</label><br>
23
24                         <input type="checkbox" class="switch" id="option3" name="option3" value="booksAuthor">
25                         <label for="option3"> Author</label><br>
26
27                         <input type="checkbox" class="switch" id="option4" name="option4" value="booksCategory">
28                         <label for="option4"> Category</label><br>
29
30                         <input type="checkbox" class="switch" id="option5" name="option5" value="booksYear">
31                         <label for="option5"> Published Year</label><br>
32
33                         <input type="checkbox" class="switch" id="option6" name="option6" value="booksPublisher">
34                         <label for="option6"> Publisher</label><br>
35
36                         <input type="checkbox" class="switch" id="option7" name="option7" value="booksShelf">
37                         <label for="option7"> Shelf</label><br>
38
39                         <input type="checkbox" class="switch" id="option8" name="option8" value="booksLanguage">
40                         <label for="option8"> Language</label><br>
41                         <small class="respond" id="rsp_option"></small>
42                     </div>
43
44                     <div class="form-field">
45                         <i class="fas fa-search"></i>
46                         <label for="searchValue"></label>
47                         <input type="text" id="searchValue" name="searchValue" placeholder="Enter Keyword" value="<?php if(isset($_GET
48                         ["searchValue"])) {echo $_GET["searchValue"];}>">
49                         <small class="respond" id="rsp_searchValue"></small>
50                         <button type="submit">Search</button>
51                     </div>
52
53                     <div class="form-field">
54                         <label for="order">Order By:</label>
55                         <select name="order" id="order">
56                             <option value="booksTitle">Title</option>
57                             <option value="booksYear">Published Year</option>
58                             <option value="booksCategory">Category</option>
59                             <option value="booksAuthor">Author</option>
60                             <option value="booksPublisher">Publisher</option>
61                             <option value="booksShelf">Shelf</option>
62                             <option value="booksLanguage">Language</option>
63                         </select>
64                     </div>
65                 </div>
66             </form>
67         </div>
68         <div class="msg">
69
70         </div>
71
72         <!-- notices -->
73         <?php
74         if (isset($_SESSION["delete-book-success-msg"])) {
75             echo '<div class="alert alert-success" role="alert">' . $_SESSION["delete-book-success-msg"] . '</div>';
76         }
77         unset($_SESSION["delete-book-success-msg"]);
78
79         if (isset($_SESSION["book-not-deleted"])) {
80             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["book-not-deleted"] . '</div>';
81         }
82         unset($_SESSION["book-not-deleted"]);
83     >>
```

```

84
85
86     <ol class="result-inner">
87
88     </ol>
89 </div>
90
91 <div class="pagination">
92     <nav class="pagination-inner">
93         <a href="#" id="first" class="button">
94             <span><<</span>
95         </a>
96         <a href="#" id="previous" class="button">
97             <span><</span>
98         </a>
99         <div id="btn-wrapper">
100
101         </div>
102         <a href="#" id="next" class="button">
103             <span>>>/span>
104         </a>
105         <a href="#" id="last" class="button">
106             <span>>>>/span>
107         </a>
108     </nav>
109     <div class="form-wrapper">
110         <form id="page-skip" action="">
111             <input name="index" id="index" type="text" placeholder="Enter page index">
112             <label id="lbl-index" for="index"></label>
113             <small class="respond" id="rsp_index"></small>
114         </form>
115     </div>
116 </div>
117 </div>
118 </div>
119
120 <script>
121     const searchForm = document.getElementById("search");
122     const checkAll = document.getElementById("options");
123     const checkboxes = Array.from(document.getElementsByClassName("switch"));
124
125     const output = document.querySelector(".result-inner");
126
127     const wrapper = document.getElementById('btn-wrapper');
128     const firstPage = document.getElementById('first');
129     const prevPage = document.getElementById('previous');
130     const nextPage = document.getElementById('next');
131     const lastPage = document.getElementById('last');
132
133     const indexForm = document.getElementById("page-skip");
134     const label = document.getElementById("lbl-index");
135
136     const message = document.getElementsByClassName("msg")[0];
137     const resultContainer = document.getElementsByClassName("result-container")[0];
138     const paginationContainer = document.getElementsByClassName("pagination")[0];
139
140     const state = {
141         searchKeys: [],
142         value: '',
143         orderBy: '',
144         currentPage: 1,
145         dataLimit: 10,
146         baseUrl: "includes/query_book.inc.php",
147         url() {
148             return this.baseUrl+
149                 "?searchKeys="+JSON.stringify(this.searchKeys)+
150                 "&value="+this.value+
151                 "&orderBy="+this.orderBy+
152                 "&index="+this.currentPage+
153                 "&dr="+this.dataLimit;
154         }
155     }
156
157     const result = {
158         length: 0,
159         start: 0,
160         end: 0,
161         list: []
162     }
163
164     function retrieve() {
165         let keys = [];
166         let value = this.searchValue.value;
167         let order = this.order.value;

```

```

196         <div class="lds-ring">
197             <div></div><div></div><div></div><div></div></div>
198         </div>
199     </div>
200     `;
201
202     const xhr = new XMLHttpRequest();
203     xhr.onload = function() {
204         if(this.status == 200){
205             [result.length, result.start, result.end, result.list] = JSON.parse(this.responseText);
206             show(output);
207         }
208     }
209     xhr.open("GET", state.url(), true);
210     xhr.send();
211 }
212
213 const pageCount = (length) => {
214     return Math.ceil(length / state.dataLimit) || 1;
215 }
216
217 function show(element) {
218     element.innerHTML = `;
219     if(!result.length) {
220         resultContainer.style.display = "none";
221         paginationContainer.style.display = "none";
222         message.style.marginTop = "100px";
223         message.innerHTML = `
224             <h1> No Books Were Found </h1>
225         `;
226         return false;
227     }
228     paginationContainer.style.display = "block";
229
230     let pages = pageCount(result.length);
231     let list = result.list;
232     let i;
233
234     for (i = 0; i < list.length; i++) {
235         if (list[i].bookCover == "default-book-cover.png") {
236             image = "images/default-book-cover.png";
237         } else {
238             image = "uploads/book-covers/" + list[i].bookCover;
239         }
240         let row = `
241             <li class="list-item">
242                 <div class="book-cover-container">
243                     <div class="book-cover-wrapper">
244                         
245                     </div>
246                 </div>
247                 <section class="content-preview">
248                     <div class="header">
249                         <h3><a href="book.php?id=${list[i].isbn}">${list[i].title}</a></h3>
250                     </div>
251                     <span>ISBN: ${list[i].isbn}</span>
252                     <span><span class="checkmark"></span> In stock</span>
253                     <b class="desc-header">Description</b>
254                     <button class="show-desc"> Show Description </button>
255                     <div class="desc">${list[i].detail}</div>
256                     <div class="controller">
257                         <a href="edit_book.php?id=${list[i].isbn}">Edit</a>
258                         <a href="includes/delete-book.inc.php?id=${list[i].isbn}" onclick="return confirm('Are you sure you want to delete the book named &quot;${list[i].title}&quot;?')>Delete</a>
259                     </div>
260                 </section>
261             </li>
262         `;
263         element.innerHTML += row;
264     }
265     Array.from(document.getElementsByClassName("show-desc")).forEach((el) => {
266         el.addEventListener("click", function() {
267             event.preventDefault();
268             const target = event.currentTarget;
269             accordion(target, false);
270         });
271     });
272     pagination(pages);
273 }
274
275 const jumpToPage = (index) => {
276     if (typeof index == "string") {
277         index = parseInt(index)
278     }

```

```

279
280     if(state.currentPage == index){
281         return false;
282     }
283     state.currentPage = index;
284     ajaxRequest();
285 };
286
287 function pagination(pages) {
288     const maxPage = 3;
289     let current = state.currentPage;
290
291     firstPage.value = 1;
292     lastPage.value = pages;
293
294     if (pages == 1) {
295         prevPage.value = nextPage.value = 1;
296     } else {
297         if(current > 1) {
298             prevPage.value = current - 1;
299         } else {
300             prevPage.value = 1;
301         }
302
303         if(current < pages) {
304             nextPage.value = current + 1;
305         } else {
306             nextPage.value = pages;
307         }
308     }
309
310     let maxLeft = (current - Math.floor(maxPage / 2));
311     let maxRight = (current + Math.floor(maxPage / 2));
312
313     if (maxLeft < 1) {
314         maxLeft = 1;
315         maxRight = maxPage;
316     }
317
318     if (maxRight > pages) {
319         maxLeft = pages - (maxPage - 1);
320         if (maxLeft < 1){
321             maxLeft = 1;
322         }
323         maxRight = pages;
324     }
325
326     wrapper.innerHTML = ``;
327     let page;
328     for (page = maxLeft; page <= maxRight; page++) {
329         if (page == current){
330             wrapper.innerHTML += `<a class="page active">${page}</a>`
331         } else {
332             wrapper.innerHTML += `<a class="page">${page}</a>`
333         }
334     }
335
336     let range = result.start == result.end ? result.start : result.start + " - " + result.end;
337     label.textContent = `${range} out of ${result.length} results`;
338
339     Array.from(document.getElementsByClassName("page")).forEach((el) => {
340         el.addEventListener("click", function(event) {
341             event.preventDefault();
342             jumpToPage(el.textContent);
343         });
344     });
345
346     window.addEventListener("load", function() {
347         checkAll.click();
348
349         if (retrieve()) {
350             ajaxRequest();
351         }
352     });
353
354     searchForm.addEventListener("submit", function(event){
355         event.preventDefault();
356
357         if (retrieve()) {
358             ajaxRequest();
359         }
360     });
361
362

```

```

363     checkAll.addEventListener("click", function() {
364         let bool = this.checked;
365         checkboxes.forEach((el) => {
366             el.checked = bool;
367         });
368     });
369
370     checkboxes.forEach((el) => {
371         el.addEventListener("click", function() {
372             if(!this.checked) {
373                 checkAll.checked = false;
374             } else {
375                 let turnOn = true;
376                 checkboxes.forEach((el) => {
377                     turnOn = turnOn && el.checked;
378                 });
379                 checkAll.checked = turnOn;
380             }
381         });
382     });
383
384     [firstPage, prevPage, nextPage, lastPage].forEach((el) => {
385         el.addEventListener('click', function(event){
386             event.preventDefault();
387             let value = el.value;
388             if (!value) {
389                 return false;
390             }
391             jumpToPage(value);
392         });
393     });
394
395     indexForm.addEventListener("submit", function(){
396         event.preventDefault();
397
398         let page = this.index.value;
399
400         const rspEl = document.getElementById("rsp_index");
401         if (page < 1 || page > pageCount(result.length)) {
402             rspEl.textContent = "Out of range!";
403             return false;
404         }
405         rspEl.textContent = "";
406         jumpToPage(page);
407     });
408 </script>
409 <?php include_once 'footer.php'?>

```

notification.php

```
notification.php X
lms > notification.php
1  <?php require "header.php"?>
2  <style>
3      .flex-vertical{
4          display: flex;
5          flex-direction: column;
6      }
7      .main-content {
8          padding: 0 50px;
9      }
10     .form-field {
11         margin: 10px 0;
12     }
13 </style>
14
15 <div class="page-wrapper">
16     <?php include_once 'sidebar.php'?>
17
18     <div class="main-content">
19         <form method="post" action="includes/notify.inc.php">
20             <div class="form-field">
21                 <label for="username">Username: </label>
22                 <input type="text" name="username">
23             </div>
24             <div class="form-field flex-vertical">
25                 <label for="notify-content">Notification Content: </label>
26                 <textarea name="notify-content" cols="30" rows="3" style="resize: none;" placeholder="Content..."></textarea>
27             </div>
28             <button type="submit">Send</button>
29         </form>
30     </div>
31 </div>
32
33
34 <?php include_once 'footer.php';?>
```

pathfinder.sql

```
pathfinder.sql X
lms > pathfinder.sql
1 CREATE DATABASE IF NOT EXISTS pathfinder;
2
3 USE `pathfinder`;
4
5 CREATE TABLE IF NOT EXISTS users (
6     usersId int(11) PRIMARY KEY AUTO_INCREMENT NOT null,
7     usersUsername TEXT NOT NULL,
8     usersEmail TEXT NOT NULL,
9     usersPwd TEXT NOT NULL,
10    usersType TEXT NOT NULL,
11    borrowedBooks LONGTEXT NOT NULL,
12    bookQuota TEXT NOT NULL,
13    borrowPending LONGTEXT NOT NULL
14 );
15
16 INSERT INTO users (usersUsername, usersEmail, usersPwd, usersType) VALUES ('admin', 'admin@admin.com', '$2y$10$e/
17 1LB09tH4r46C00TXhgeu5LYuV3wFMCsvcoK1whZQ0wGfHmy/6', 'admin');
18
19 CREATE TABLE IF NOT EXISTS pwdReset (
20     pwdResetId int(11) PRIMARY KEY AUTO_INCREMENT NOT NULL,
21     pwdResetEmail TEXT NOT NULL,
22     pwdResetSelector TEXT NOT NULL,
23     pwdResetToken LONGTEXT NOT NULL,
24     pwdResetExpires TEXT NOT NULL
25 );
26
27 CREATE TABLE IF NOT EXISTS books (
28     booksId int(11) PRIMARY KEY AUTO_INCREMENT NOT NULL,
29     booksISBN TEXT NOT NULL,
30     booksQuantity TEXT NOT NULL,
31     booksTitle TEXT NOT NULL,
32     booksAuthor TEXT NOT NULL,
33     booksCoverImage LONGTEXT NOT NULL,
34     booksDescription LONGTEXT NOT NULL,
35     booksCategory TEXT NOT NULL,
36     booksPublisher TEXT NOT NULL,
37     booksLanguage TEXT NOT NULL,
38     booksPrice TEXT NOT NULL,
39     booksYear TEXT NOT NULL,
40     booksPages TEXT NOT NULL,
41     booksShelf TEXT NOT NULL,
42     booksLoaned TEXT NOT NULL,
43     booksPending TEXT NOT NULL,
44     dateAdded DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP
45 );
46
47 CREATE TABLE IF NOT EXISTS `Notification` (
48     `notificationId` int AUTO_INCREMENT NOT NULL,
49     `userId` int NOT NULL,
50     `text` TEXT NOT NULL,
51     `dateCreated` DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
52     `read` BOOLEAN NOT NULL DEFAULT 0,
53     CONSTRAINT PK_Notification PRIMARY KEY (`notificationId`),
54     CONSTRAINT FK_Notification FOREIGN KEY (`userId`) REFERENCES users(usersId)
55 );
```

profile.php

```
profile.php X
lms > profile.php
1 <?php
2 include_once 'header.php';
3 if (!isset($_SESSION["userid"])) {
4     header("location: index.php");
5     exit();
6 }
7 include_once 'includes/dbh.inc.php';
8
9
10 <link rel="stylesheet" type="text/css" href="stylesheets/styled_table.css">
11 <link rel="stylesheet" type="text/css" href="stylesheets/animation/loading.css">
12 <link rel="stylesheet" type="text/css" href="stylesheets/profile.css">
13
14 <div class="page-wrapper">
15     <?php include_once 'sidebar.php'?>
16     <div class="main-content">
17         <div class="modal-box">
18             <div class="modal-content">
19                 </div>
20             </div>
21         <?php
22             // initialise for later use...
23             $username = $_SESSION["username"];
24             $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"));
25             $type = $user["usersType"];
26
27             echo "<p>Welcome back $username. This is your profile. </p>";
28
29             // upgrade or quit being a librarian...
30             if (isset($_SESSION["requested"])) {
31                 echo '<div class="alert alert-success" role="alert">' . $_SESSION["requested"] . '</div>';
32                 unset($_SESSION["requested"]);
33             }
34             if (isset($_SESSION["quit"])) {
35                 echo '<div class="alert alert-success" role="alert">' . $_SESSION["quit"] . '</div>';
36                 unset($_SESSION["quit"]);
37             }
38
39             if ($type == "member") {
40                 echo "<a href='includes/member-to-librarian.inc.php' onclick='return confirm("Upgrade to librarian? A request will be sent to and viewed by the admin. Your request will have to be accepted before you can access librarian privileges. Before that, you can still log in as normal member.");'>Request to be librarian</a><br>";
41             }
42
43             if ($type == "librarian") {
44                 echo "<a href='includes/librarian-to-member.inc.php' onclick='return confirm("Are you sure you want to quit being a librarian? You will need to be approved again if you want to upgrade to librarian next time. ");'>Quit being librarian</a><br>";
45             }
46
47             if ($type == "librarian, pending") {
48                 echo "<hr><p>Ongoing: Your request to become a librarian is yet to be approved. </p>";
49             }
50
51             // ongoing pending borrow request
52
53             $usersBorrowPending = mysqli_fetch_assoc(mysqli_query($conn, "SELECT borrowPending FROM users WHERE userId = '" . $_SESSION["userid"] . "'"));
54             $usersBorrowPending = array_slice(explode(",", $usersBorrowPending), 1);
55
56             if (!empty($usersBorrowPending)) {
57                 echo "<p>Ongoing borrow requests: </p>";
58                 <div class="table-wrapper">
59                     <table class="styled-table">
60                         <thead>
61                             <th>Book</th>
62                             <th>ISBN</th>
63                             <th>Requested at</th>
64                         </thead>
65                         <tbody>
66                             <?php
67                                 foreach ($usersBorrowPending as $borrowPending) {
68                                     $tmp = explode(";", $borrowPending);
69                                     <tr>
70                                         <td>' . mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '" . $tmp[0] . "'"))["booksTitle"] .
71                                         <td>' . $tmp[0] . '</td>
72                                         <td>' . str_replace("Requested at", "", $tmp[1]) . '</td>
73                                     </tr>
74                                 <?php
75                             </tbody>
76                         </table>
77                     </div>
78                 </div>
```

```

79     }
80
81     // edit profile
82     echo "<a href='edit_account.php?subject=" . $_SESSION["userid"] . "'>Edit account</a><br>";
83
84     echo "<br>";
85
86     // notices
87     if (isset($_SESSION["return-book-success-msg"])) {
88         echo '<div class="alert alert-success" role="alert"> ' . $_SESSION["return-book-success-msg"] . ' </div>';
89     }
90     unset($_SESSION["return-book-success-msg"]);
91
92     // list of books borrowed
93     $borrowedBooks = array_slice(explode(",", $user["borrowedBooks"]), 1);
94     if (empty($borrowedBooks)) {
95         echo "<h3>You haven't borrow any books yet. Go to our digital library to explore some!</h3>";
96     } else {
97
98         echo "<h3>Books that you borrowed: </h3>";
99         echo "<div class='table-wrapper'>
100             <table class='styled-table'>
101                 <thead>
102                     <tr>
103                         <th class='col_name'>Book Name</th>
104                         <th class='col_isbn'>ISBN</th>
105                         <th class='col_expiry'>Expiry date</th>
106                         <th class='col_status'>Status</th>
107                         <th class='col_command'></th>
108                     </tr>
109                 </thead>
110                 <tbody>";
111
112                 $i = 0;
113                 foreach ($borrowedBooks as $borrowedBook) {
114                     $tmp = explode(";", $borrowedBook);
115                     $isbn = $tmp[0];
116                     $expirydate = $tmp[1];
117
118                     $diff = (strtotime($expirydate) - strtotime('today')) / 24 / 60 / 60;
119                     $fine = 0;
120
121                     if ($diff < 0) {
122                         $fine = (float) (abs($diff) * 0.5);
123                         $status = "Late";
124                     } else if ($diff == 0) {
125                         $status = "Today";
126                     } else if ($diff == 1) {
127                         $status = "Tomorrow";
128                     } else {
129                         $status = "$diff days";
130                     }
131
132                     // just to get the book title given the isbn number
133                     $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE books.ISBN = '$isbn'"));
134
135                     $title = $book["booksTitle"];
136                     $image = $book["booksCoverImage"];
137                     $price = $book["booksPrice"];
138
139                     echo "<tr>
140                         <td class='col_name'>$title</td>
141                         <td class='col_isbn'>$isbn</td>
142                         <td class='col_expiry'>$expirydate</td>
143                         <td class='col_status'>$status</td>
144                         <td class='col_command'>
145                             <a href='includes/return-book.inc.php?index=$i&isbn=$isbn' class='return' data-title='$title' data-price='$price'
146                                 data-image='$image' data-fine='$fine' data-days='$diff'>Return</a>
147                         </td>
148                     </tr>";
149                     $i++;
150                 }
151                 echo "</tbody>
152             </table>
153         </div>";
154     }
155 }
156
157 ?>
158 </div>
159 </div>
160 <script>
161     const returnBook = document.getElementsByClassName("return");
162     const modalBox = document.getElementsByClassName("modal-box")[0];
163     const modalContent = document.getElementsByClassName("modal-content")[0];
164
165     Array.from(returnBook).forEach(element => {

```

```

162 element.addEventListener("click", function(event) {
163     event.preventDefault();
164     let src;
165     let title = this.dataset.title;
166     let fine = this.dataset.fine;
167     let days = Math.abs(this.dataset.days);
168     let image = this.dataset.image;
169     let price = this.dataset.price;
170
171     if (image == "default-book-cover.png") {
172         src = `images/${image}`
173     } else {
174         src = `uploads/book-covers/${image}`
175     }
176
177     fine = parseInt(fine);
178     let content;
179     if(fine) {
180         content = `
181             <div class="book-cover-container">
182                 <div class="lds-container">
183                     <div class="lds-ring">
184                         <div></div></div></div></div></div></div>
185                     </div>
186                 </div>
187                 
188             </div>
189             <div class="right">
190
191 modalBox.style.display = "block";
192 modalBox.dataset.direct = element.href;
193
194
195 document.getElementsByClassName("modal-close")[0].addEventListener("click", function() {
196     modalBox.style.display = "none";
197     modalContent.innerHTML = "";
198     modalBox.dataset.direct = "";
199 });
200
201 document.getElementsByClassName("modal-confirm")[0].addEventListener("click", function() {
202     modalBox.style.display = "none";
203     window.location.assign(modalBox.dataset.direct);
204 });
205
206 document.getElementsByClassName("book-cover")[0].addEventListener("load", function() {
207     document.getElementsByClassName("lds-container")[0].style.display = "none"
208 });
209 });
210
211 window.onclick = function(event) {
212     if (event.target == modalBox) {
213         modalBox.style.display = "none";
214         modalContent.innerHTML = "";
215         modalBox.dataset.direct = "";
216     }
217 }
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247 </script>
248 <?php include_once 'footer.php';?>

```

reset-password.php

```
reset_password.php X
lms > reset_password.php
1  <?php require "header.php"?>
2
3  <div class="page-wrapper">
4      <?php include_once "sidebar.php"?>
5      <div class="main-content">
6          <section>
7              <h1>Reset your password</h1>
8              <p>An e-mail will be send to you with instructions on how to reset your password.</p>
9              <form action="includes/reset-request.inc.php" method="post">
10                 <input type="text" name="email" placeholder="Enter your email address...">
11                 <button type="submit" name="reset-request-submit">Reset password</button>
12             </form>
13
14             <?php
15                 if (isset($_GET["reset"])) {
16                     if ($_GET["reset"] == "success") {
17                         echo '<p>Check your email! If it is not in your inbox, check your spam folder. </p>';
18                     }
19                 }
20             ?>
21
22         </section>
23     </div>
24 </div>
25
26 <!-- need to add error handling later... -->
27
28 <?php require "footer.php"?>
```

sidebar.php

```
sidebar.php X
lms > sidebar.php
1  [?php include_once 'includes/dbh.inc.php';?]
2
3  <?php
4      if(isset($_SESSION["userid"])) {
5          $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '$_SESSION[userid]' . '')[0]['usersType'];
6      } else {
7          $type = '';
8      }
9  }
10
11  <div class="app-sidebar sidebar-shadow fixed closed">
12      <div class="scrollbar-wrapper">
13          <div class="scrollbar-sidebar">
14              <div class="app-sidebar-inner">
15                  <ul class="vertical-nav-menu">
16                      <li class="menu-expand">
17                          <a href="#">
18                              <i class="fas fa-book"></i>
19                              Books
20                              <i class="arrow down"></i>
21                          </a>
22                          <ul class="collapse">
23                              <li>
24                                  <a href="books.php" class="">
25                                      Search Books
26                                  </a>
27                              </li>
28                          </ul>
29                      </li>
30                      <?php
31                          if ($type == "admin") {
32                              echo '
33                                  <li>
34                                      <a href="add_books.php" class="">
35                                          Add Books
36                                      </a>
37                                  </li>
38                                  <li>
39                                      <a href="manage_books.php" class="">
40                                          Manage Books
41                                      </a>
42                                  </li>
43                              '
44                          }
45                      </?php>
46                  </ul>
47              </div>
48              <?php
49                  if ($type == 'admin') {
50                      echo '
51                          <li class="seperate">
52                              <a href="admin.php" class="">
53                                  <i class="fas fa-chart-line"></i>
54                                  Dashboard
55                              </a>
56                              <a href="notification.php">
57                                  <i class="fas fa-bell"></i>
58                                  Send Notification
59                              </a>
60                          </li>
61                      '
62                  }
63              </?php>
64              <li class="seperate">
65                  <a href="librarian.php" class="">
66                      <i class="fas fa-chart-line"></i>
67                      Dashboard
68                  </a>
69              </li>
70              <li>
71                  <a href="feedback/index.php">
72                      <i class="fas fa-comment-dots"></i>
73                      Feedback
74                  </a>
75              </li>
76          </ul>
77      </div>
78  </div>
79
80  </div>
81
82  <script src="scripts/DOM_header.js"></script>
83  <script src="perfect-scrollbar-master/dist/perfect-scrollbar.js"></script>
84  <script src="scripts/accordion.js"></script>
85  <script src="scripts/DOM_sidebar.js"></script>
```

add-books.inc.php

```
add-books.inc.php X
lms > includes > add-books.inc.php
1  <?php
2
3  if (isset($_POST["add-book"])) {
4
5      session_start();
6
7      require_once 'dbh.inc.php';
8      require_once 'functions.inc.php';
9
10     // start validation
11
12     // check for the image
13     $all_ok = true;
14     if (!empty($_FILES["book-cover"]["name"])) {
15         $bookCoverName = time() . '-' . $_FILES["book-cover"]["name"];
16         // For image upload
17         $target_dir = "../uploads/book-covers/";
18         $target_file = $target_dir . basename($bookCoverName);
19         $tmp_name = $_FILES["book-cover"]["tmp_name"];
20
21         // VALIDATION
22         $ext = pathinfo($_FILES["book-cover"]["name"], PATHINFO_EXTENSION);
23         if (!in_array($ext, array("png", "jpg", "jpeg"))) {
24             $_SESSION["add-book-error-img"] = "The image you uploaded must be in jpg, jpeg or png format! Please reupload a new one.";
25             $all_ok = false;
26         } else {
27             // validate image size. Size is calculated in Bytes
28             if ($_FILES["book-cover"]["size"] > 1000000) {
29                 $_SESSION["add-book-error-img"] = "The file (image) you uploaded is too large. Upload other ones with under 1MB file size. Please reupload a new one.";
30                 $all_ok = false;
31             } else {
32                 $got_img = true;
33             }
34         }
35     } else {
36         $got_img = false;
37     }
38
39     // check for isbn
40     $isbn = $_POST["isbn"];
41     if (empty($isbn)) {
42         $_SESSION["add-book-error-isbn"] = "ISBN of the book is required.";
43         $all_ok = false;
44     } else {
45         if (invalidISBN($isbn)) {
46             $_SESSION["add-book-error-isbn"] = "The ISBN entered is invalid.";
47             $all_ok = false;
48         } else {
49             if (isbnExists($conn, $isbn)) {
50                 $_SESSION["add-book-error-isbn"] = "There's a book with the same ISBN number already. Kindly go to the edit books page to add the quantity of that book instead of adding a new record here.";
51                 $all_ok = false;
52             } else {
53                 $_SESSION["temp-isbn"] = $isbn;
54             }
55         }
56     }
57
58     // check for quantity
59     $quantity = $_POST["quantity"];
60     if (empty($quantity)) {
61         $_SESSION["add-book-error-quantity"] = "Quantity of the book is required.";
62         $all_ok = false;
63     } else {
64         if (invalidQuantity($quantity)) {
65             $_SESSION["add-book-error-quantity"] = "The quantity entered is invalid.";
66             $all_ok = false;
67         } else {
68             $_SESSION["temp-quantity"] = $quantity;
69         }
70     }
71
72     // check for title
73     $title = $_POST["title"];
74     if (empty($title)) {
75         $_SESSION["add-book-error-title"] = "Title of the book is required.";
76         $all_ok = false;
77     } else {
78         $_SESSION["temp-title"] = $title;
79     }
80
81     // check for author
82     $author = $_POST["author"];
```

```

83     if (empty($author)) {
84         $_SESSION["add-book-error-author"] = "Author of the book is required.";
85         $all_ok = false;
86     } else {
87         $_SESSION["temp-author"] = $author;
88     }
89
90     // there's no need to check for descr
91     $descr = $_POST["description"];
92     $_SESSION["temp-descr"] = $descr;
93
94     // check for category
95     $category = $_POST["category"];
96     if (empty($category)) {
97         $_SESSION["add-book-error-category"] = "Category of the book is required.";
98         $all_ok = false;
99     } else {
100         $_SESSION["temp-category"] = $category;
101     }
102
103     // check for publisher
104     $publisher = $_POST["publisher"];
105     if (empty($publisher)) {
106         $_SESSION["add-book-error-publisher"] = "Publisher of the book is required.";
107         $all_ok = false;
108     } else {
109         $_SESSION["temp-publisher"] = $publisher;
110     }
111
112     // check for lang
113     $language = $_POST["language"];
114     if (empty($language)) {
115         $_SESSION["add-book-error-language"] = "Language of the book is required.";
116         $all_ok = false;
117     } else {
118         $_SESSION["temp-language"] = $language;
119     }
120
121     // check for price
122     $price = str_replace(str_split("$, ", ""), $_POST["currency-field"]);
123     $price = empty($price) ? '00.00' : $price;
124     if (invalidPrice($price)) {
125         $_SESSION["add-book-error-price"] = "The price entered is invalid.";
126         $all_ok = false;
127     } else {
128         if ($price != "00.00") {
129             $_SESSION["temp-price"] = "$" . $price;
130         }
131     }
132
133     // check for year
134     $year = $_POST["year"];
135     if (empty($year)) {
136         $_SESSION["add-book-error-year"] = "Publication year of the book is required.";
137         $all_ok = false;
138     } else {
139         $_SESSION["temp-year"] = $year;
140     }
141
142     // check for pages
143     $pages = $_POST["pages"];
144     if (empty($pages)) {
145         $_SESSION["add-book-error-pages"] = "Number of pages of the book is required.";
146         $all_ok = false;
147     } else {
148         if (invalidPages($pages)) {
149             $_SESSION["add-book-error-pages"] = "The number of pages entered is invalid.";
150             $all_ok = false;
151         } else {
152             $_SESSION["temp-pages"] = $pages;
153         }
154     }
155
156     // check for shelf
157     $shelf = $_POST["shelf"];
158     if (empty($shelf)) {
159         $_SESSION["add-book-error-shelf"] = "Shelf name of the book is required.";
160         $all_ok = false;
161     } else {
162         $_SESSION["temp-shelf"] = $shelf;
163     }
164
165     // check all okay? if okay, proceed. if not, redirect back to add_books.php
166     if (!$all_ok) {

```

```

192     mysqli_stmt_bind_param($stmt, "ssssssssssss", $isbn, $quantity, $title, $author, $fileName, $descr, $category, $publisher, $language,
193     $price, $year, $pages, $shelf);
194     mysqli_stmt_execute($stmt);
195
196     mysqli_stmt_close($stmt);
197 }
198
199 $_SESSION["add-book-success-msg"] = "Book titled '$title' is added successfully. <a href='book.php?id=$isbn' class='alert-link'>View more</a>";
200
201 header("location: ../add_books.php");
202 exit();
203
204 } else {
205     header("location: ../add_books.php");
206 }

```

approve_librarian_signup_request.inc.php

```
approve_librarian_signup_request.inc.php X
lms > includes > approve_librarian_signup_request.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4  session_start();
5
6  if (isset($_SESSION["userId"])) {
7      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userId"] . "'"))["usersType"];
8      if ($type == "admin" and isset($_GET["subject"])) {
9          $targetId = $_GET["subject"];
10         mysqli_query($conn, "UPDATE users SET usersType = 'librarian' WHERE usersId = '$targetId';");
11
12         // transfer all pending books that he requested when back then he was a member to his borrowed books list since he is already a
13         // librarian and no longer need approval from authorities
14
15         $usersBorrowPending = mysqli_fetch_assoc(mysqli_query($conn, "SELECT borrowPending FROM users WHERE usersId = '$targetId';"))
16         ["borrowPending"];
17         $pendingBookList = array_slice(explode(",", $usersBorrowPending), 1);
18
19         if (!empty($pendingBookList)) {
20             foreach ($pendingBookList as $pendingBook) {
21                 $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '$targetId';"));
22                 $isbn = explode(">", $pendingBook)[0];
23                 $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$isbn';"));
24
25                 // update the loaned number of the book
26                 mysqli_query($conn, "UPDATE books SET booksLoaned = '" . (int)$book["booksLoaned"] + 1 . "' WHERE booksISBN = '$isbn';");
27                 mysqli_query($conn, "UPDATE books SET booksPending = '" . (int)$book["booksPending"] - 1 . "' WHERE booksISBN = '$isbn';");
28
29                 // add record to user's borrowedBooks together with the expiry date
30                 mysqli_query($conn, "UPDATE users SET borrowedBooks = '" . $user["borrowedBooks"] . ", '$isbn' . date('Y-m-d', strtotime('+14
31                 day', strtotime(date('Y-m-d')))) . "' WHERE usersId = '$targetId';");
32             }
33
34             mysqli_query($conn, "UPDATE users SET borrowPending = '' WHERE usersId = '$targetId';");
35         }
36
37         // then add notification to user
38         $notification = "Your request to become a librarian is accepted by the admin! You are officially now a librarian of this library.";
39         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$targetId', '$notification');");
40     }
41 }
42 header("location: ../admin.php");
43 exit();
```

approve_borrow_request.inc.php

```
approve-borrow-request.inc.php X
lms > includes > approve-borrow-request.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4
5  session_start();
6
7  // check whether link valid
8  if (!isset($_GET["user"]) && isset($_GET["index"]) && isset($_GET["isbn"])) {
9      header("location: ../index.php");
10     exit;
11 } else {
12     $usersBorrowPending = mysqli_fetch_assoc(mysqli_query($conn, "SELECT borrowPending FROM users WHERE userId = '" . $_GET["user"] . "'"));
13     ["borrowPending"];
14     $pendingBookList = explode(">", array_slice(explode(",", $usersBorrowPending), 1)[$_GET["index"]]);
15     if (!isset($pendingBookList[0]) || $pendingBookList[0] != $_GET["isbn"]) {
16         header("location: ../index.php");
17         exit();
18     }
19 }
20
21 // check whether it is librarian or admin who is accessing this page or not
22 if (isset($_SESSION["userid"])) {
23
24     $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))["usersType"];
25     if ($type != "admin" && $type != "librarian") {
26         header("location: ../index.php");
27         exit();
28     }
29
30     // now do the same process as when librarian and admin borrow books at book.php
31
32     $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '" . $_GET["isbn"] . "'"));
33     $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_GET["user"] . "'"));
34
35     // update the loaned number of the book
36     mysqli_query($conn, "UPDATE books SET booksLoaned = '" . (int)$book["booksLoaned"] + 1 . "' WHERE booksISBN = '" . $_GET["isbn"] . "'");
37     mysqli_query($conn, "UPDATE books SET booksPending = '" . (int)$book["booksPending"] - 1 . "' WHERE booksISBN = '" . $_GET["isbn"] . "'");
38
39     // add record to user's borrowedBooks together with the expiry date
40     mysqli_query($conn, "UPDATE users SET borrowedBooks = '" . $user["borrowedBooks"] . ", " . $_GET["isbn"] . ">" . date("Y-m-d", strtotime(
41         "+14 day", strtotime(date("Y-m-d")))) . "' WHERE userId = '" . $_GET["user"] . "'");
42
43     $_SESSION["approve-borrow-success-msg"] = $user["usersUsername"] . "'s borrow request of the book named '" . $book["booksTitle"] . "' (" .
44     $book["booksISBN"] . ") approved successfully.";
45
46     // delete the borrow pending record
47     $usersBorrowPending = explode(",", $usersBorrowPending);
48     if (count($usersBorrowPending) == 2) {
49         mysqli_query($conn, "UPDATE users SET borrowPending = '' WHERE userId = '" . $_GET["user"] . "'");
50     } else {
51         $usersBorrowPending = array_slice($usersBorrowPending, 1);
52         unset($usersBorrowPending[$_GET["index"]]);
53         array_values($usersBorrowPending);
54         mysqli_query($conn, "UPDATE users SET borrowPending = '" . implode(",", $usersBorrowPending) . "' WHERE userId = '" . $_GET["user"] .
55             "'");
56     }
57
58     // then add notification to user
59     $notification = "Your request to borrow the book named '" . $book["booksTitle"] . "' (" . $book["booksISBN"] . ") is accepted by the
60     authority. Remember to return the book in time.";
61     mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('" . $_GET["user"] . "', '$notification')");
62
63     if ($type == "admin") {
64         header("location: ../admin.php");
65         exit;
66     } else {
67         header("location: ../librarian.php");
68         exit;
69     }
70 } else {
71     header("location: ../index.php");
72 }
```

borrow-book.inc.php

```
1 <?php
2 include 'dbh.inc.php';
3 include 'functions.inc.php';
4
5 date_default_timezone_set('Asia/Kuala_Lumpur');
6
7 session_start();
8
9 // check whether is logged in or not
10 if (!isset($_SESSION["userid"]) || !isset($_GET["id"])) {
11     header("location: ../index.php");
12     exit();
13 }
14
15 $target = $_GET["id"];
16
17 if (invalidISBN($target)) {
18     header("location: ../index.php");
19     exit();
20 }
21
22 $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$target'"));
23 $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersid = '" . $_SESSION["userid"] . "'"));
24
25 if ($user["usersType"] == "librarian" or $user["usersType"] == "admin") {
26     // can straight away borrow, no need approval
27     // update the loaned number of the book
28     mysqli_query($conn, "UPDATE books SET booksLoaned = '" . (int)$book["booksLoaned"] + 1 . "' WHERE booksISBN = '$target'");
29
30     // add record to user's borrowedBooks together with the expiry date
31     mysqli_query($conn, "UPDATE users SET borrowedBooks = '" . $user["borrowedBooks"] . ", " . $target . "> " . date('Y-m-d', strtotime('+14 day',
32         strtotime(date("Y-m-d")))) . "' WHERE usersId = '" . $_SESSION["userid"] . "'");
33
34     $_SESSION["borrow-book-success-msg"] = "Book borrowed successfully.";
35 } else {
36     // add request since this is member, need approval
37     mysqli_query($conn, "UPDATE users SET borrowPending = '" . $user["borrowPending"] . ", " . $target . "> Requested at " . date("l Y-m-d
38         h:i:sa") . "' WHERE usersId = '" . $_SESSION["userid"] . "'");
39     $_SESSION["borrow-book-success-msg"] = "Borrow request is successfully sent. You will need to wait for any of the librarian's approval in
40         order to bring the book home.";
41
42     mysqli_query($conn, "UPDATE books SET booksPending = '" . (int)$book["booksPending"] + 1 . "' WHERE booksISBN = '$target'");
43
44     // then add notification to admin
45     $notification = $user["usersUsername"] . " wants to borrow a book.";
46
47     $authorities = mysqli_query($conn, "SELECT usersId FROM users WHERE usersType = 'admin' or usersType = 'librarian'");
48     while ($row = mysqli_fetch_assoc($authorities)) {
49         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('" . $row["usersId"] . "', '$notification')");
50     }
51 }
52
53 // update quota for every type of user, even though admin's can be ignored
54 mysqli_query($conn, "UPDATE users SET bookQuota = '" . (int)$user["bookQuota"] + 1 . "' WHERE usersId = '" . $_SESSION["userid"] . "'");
55
56 header("location: ../book.php?id=$target");
57 exit();
```

dbh.inc.php

```
dbh.inc.php X
lms > includes > dbh.inc.php
1  k?php
2  $dbservername = "localhost";
3  $dbusername = "root";
4  $dbpassword = "";
5  $dbname = "pathfinder";
6
7  $conn = mysqli_connect($dbservername, $dbusername, $dbpassword, $dbname);
8
9  if (!$conn) {
10     die("Connection failed: " . mysqli_connect_error());
11 }
12
13
```

delete-book.inc.php

```
delete-book.inc.php X
lms > includes > delete-book.inc.php
1  k?php
2
3  include_once 'dbh.inc.php';
4  include_once 'functions.inc.php'; // to use the isbn validating function
5  session_start();
6
7  if (isset($_SESSION["userid"])) {
8      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"))["usersType"];
9      if ($type != "admin" && $type != "librarian") {
10         header("location: ../index.php");
11         exit();
12     }
13 }
14
15 if (isset($_GET["id"])) {
16     $isbn = $_GET["id"];
17
18     // validate id first
19     if (invalidISBN($isbn)) {
20         // check whether if copies of book is borrowed already
21         $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$isbn'"));
22         if ((int) $book["booksLoaned"] != 0) {
23             $_SESSION["book-not-deleted"] = "Book named '" . $book["booksTitle"] . "' ($isbn) is removed unsuccessfully. There are still copies of this book who is borrowed and not returned yet. Make sure to only come back and delete once all the copies are returned already.";
24         } else {
25             mysqli_query($conn, "DELETE FROM books WHERE booksISBN = '$isbn'");
26             unlink("../uploads/book-covers/" . $book["booksCoverImage"]);
27             $_SESSION["delete-book-success-msg"] = "Book named '" . $book["booksTitle"] . "' ($isbn) is removed successfully.";
28         }
29     }
30 }
31
32 header("location: ../manage_books.php");
33 exit();
34
```

edit-account.inc.php

```

1 edit-account.inc.php X
lms > includes > edit-account.inc.php
2 {?php
3 session_start();
4
5 include_once 'dbh.inc.php';
6 include_once 'functions.inc.php';
7
8 $profileURL = $_POST["profile-url"]; // get url from header to see which user is it
9
10 $subjectId = substr($profileURL, 8, 1);
11
12 // fetch old details
13 $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '$subjectId'"));
14
15
16 if (isset($_POST['btnSubmit'])) { // one of the buttons in the three forms is clicked
17
18     if (isset($_POST["changeUsername"])) {
19         $currentUsername = $user["username"];
20         $newUsername = $_POST["username"];
21
22         if (empty($newUsername)) {
23             if ($newUsername != $currentUsername) {
24                 if (invalidUsername($newUsername) != false) {
25                     $_SESSION["edit-account-error-username"] = "The username entered is invalid!";
26                 } else {
27                     if (editAccountUsernameExists($conn, $subjectId, $newUsername)) {
28                         $_SESSION["edit-account-error-username"] = "Username is taken.";
29                     } else {
30                         $sql = "UPDATE users SET username = ? WHERE userId = '$subjectId'";
31                         $stmt = mysqli_stmt_init($conn);
32                         if (!mysqli_stmt_prepare($stmt, $sql)) {
33                             $_SESSION["edit-account-error-username"] = "Sorry, something went wrong.";
34                         }
35
36                         mysqli_stmt_bind_param($stmt, "s", $newUsername);
37                         mysqli_stmt_execute($stmt);
38
39                         mysqli_stmt_close($stmt);
40
41                         $_SESSION["userusername"] = $newUsername;
42
43                         $_SESSION["edit-account-success-msg"] = "Username is updated. ";
44
45                         // then add notification to user
46                         $notification = "You changed your username. Not you? Contact the library admin as soon as possible.";
47                         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$subjectId', '$notification')");
48                     }
49                 }
50             }
51         }
52     }
53
54     } else if (isset($_POST["changeEmail"])) {
55         $currentEmail = $user["email"];
56         $newEmail = $_POST["email"];
57
58         if (empty($newEmail)) {
59             if ($newEmail != $currentEmail) {
60                 if (invalidEmail($newEmail) != false) {
61                     $_SESSION["edit-account-error-email"] = "The email entered is invalid!";
62                 } else {
63                     if (editAccountEmailExists($conn, $subjectId, $newEmail)) {
64                         $_SESSION["edit-account-error-email"] = "Email is taken.";
65                     } else {
66                         $sql = "UPDATE users SET email = ? WHERE userId = '$subjectId'";
67                         $stmt = mysqli_stmt_init($conn);
68                         if (!mysqli_stmt_prepare($stmt, $sql)) {
69                             $_SESSION["edit-account-error-email"] = "Sorry, something went wrong.";
70                         }
71
72                         mysqli_stmt_bind_param($stmt, "s", $newEmail);
73                         mysqli_stmt_execute($stmt);
74
75                         mysqli_stmt_close($stmt);
76
77                         $_SESSION["useremail"] = $newEmail;
78
79                         $_SESSION["edit-account-success-msg"] = "Email is updated. ";
80
81                         // then add notification to user
82                         $notification = "You changed your email. Not you? Contact the library admin as soon as possible.";
83                         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$subjectId', '$notification')");
84                     }
85                 }
86             }
87         }
88     }
89
90     } else if (isset($_POST["changePassword"])) {
91         $currentPassword = $user["password"];
92         $newPassword = $_POST["password"];
93
94         if (empty($newPassword)) {
95             if ($newPassword != $currentPassword) {
96                 if (invalidPassword($newPassword) != false) {
97                     $_SESSION["edit-account-error-password"] = "The password entered is invalid!";
98                 } else {
99                     if (editAccountPasswordExists($conn, $subjectId, $newPassword)) {
100                         $_SESSION["edit-account-error-password"] = "Password is taken.";
101                     } else {
102                         $sql = "UPDATE users SET password = ? WHERE userId = '$subjectId'";
103                         $stmt = mysqli_stmt_init($conn);
104                         if (!mysqli_stmt_prepare($stmt, $sql)) {
105                             $_SESSION["edit-account-error-password"] = "Sorry, something went wrong.";
106                         }
107
108                         mysqli_stmt_bind_param($stmt, "s", $newPassword);
109                         mysqli_stmt_execute($stmt);
110
111                         mysqli_stmt_close($stmt);
112
113                         $_SESSION["userpassword"] = $newPassword;
114
115                         $_SESSION["edit-account-success-msg"] = "Password is updated. ";
116
117                         // then add notification to user
118                         $notification = "You changed your password. Not you? Contact the library admin as soon as possible.";
119                         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$subjectId', '$notification')");
120                     }
121                 }
122             }
123         }
124     }
125 }
126 }
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655 }
656 }
```

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57     if (empty($newEmail)) {
58         if ($newEmail != $currentEmail) {
59             if (invalidEmail($newEmail) != false) {
60                 $_SESSION["edit-account-error-email"] = "The email entered is invalid!";
61             } else {
62                 if (editAccountEmailExists($conn, $subjectId, $newEmail)) {
63                     $_SESSION["edit-account-error-email"] = "Email is taken.";
64                 } else {
65                     $sql = "UPDATE users SET usersEmail = ? WHERE usersId = '$subjectId'";
66                     $stmt = mysqli_stmt_init($conn);
67                     if (!mysqli_stmt_prepare($stmt, $sql)) {
68                         $_SESSION["edit-account-error-email"] = "Sorry, something went wrong.";
69                     }
70
71                     mysqli_stmt_bind_param($stmt, "s", $newEmail);
72                     mysqli_stmt_execute($stmt);
73
74                     mysqli_stmt_close($stmt);
75
76                     $_SESSION["edit-account-success-msg"] = "Email is updated. ";
77
78                     // then add notification to user
79                     $notification = "You changed your email. Not you? Contact the library admin as soon as possible.";
80                     mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$subjectId', '$notification');");
81                 }
82             }
83         }
84     }
85 } else if (isset($_POST["changePwd"])) {
86     $currentPwd = $_user["usersPwd"];
87     $oldPwd = $_POST["old-password"];
88     $newPwd = $_POST["new-password"];
89     $newPwdRepeat = $_POST["confirm-new-password"];
90
91     if (!empty($oldPwd) || empty($newPwd) || empty($newPwdRepeat)) {
92         if (canChangePwd($conn, $oldPwd, $subjectId)) {
93             if (pwdDontMatch($newPwd, $newPwdRepeat)) {
94                 $_SESSION["edit-account-error-pwd"] = "Your new passwords don't match!";
95             } else {
96                 $sql = "UPDATE users SET usersPwd = ? WHERE usersId = '$subjectId'";
97                 $stmt = mysqli_stmt_init($conn);
98                 if (!mysqli_stmt_prepare($stmt, $sql)) {
99                     $_SESSION["edit-account-error-pwd"] = "Sorry, something went wrong.";
100                 }
101
102                 $hashedPwd = password_hash($newPwd, PASSWORD_DEFAULT);
103
104                 mysqli_stmt_bind_param($stmt, "s", $hashedPwd);
105                 mysqli_stmt_execute($stmt);
106
107                 mysqli_stmt_close($stmt);
108
109                 $_SESSION["edit-account-success-msg"] = "Password is updated. ";
110
111                 // then add notification to user
112                 $notification = "You changed your password. Not you? Contact the library admin as soon as possible.";
113                 mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$subjectId', '$notification');");
114             }
115         } else {
116             $_SESSION["edit-account-error-pwd"] = "Your old password is incorrect!";
117         }
118     } else {
119         $_SESSION["edit-account-error-pwd"] = "Make sure you enter the old password, new password and confirm new password in order to change your password!";
120     }
121 }
122
123 // after changing one of the three datas...
124 header("location: ../edit_account.php?subject=$subjectId");
125
126 } else {
127     header("location: ../index.php");
128     exit();
129 }

```

edit-book.inc.php

```

edit-book.inc.php X
lms > includes > edit-book.inc.php
1  <?php
2
3  session_start();
4
5  include_once 'dbh.inc.php';
6  include_once 'functions.inc.php';
7
8  $bookURL = $_POST["book-url"]; // get url from header to see which user is it
9
10 $target = substr($bookURL, 3);
11
12 // fetch old details
13 $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$target'"));
14
15
16 if (isset($_POST["btnSubmit"])) { // one of the buttons in the three forms is clicked
17
18     if (isset($_POST["changeBookCover"])) {
19
20         if (empty($_FILES["book-cover"]["name"])) {
21             $bookCoverName = time() . '-' . $_FILES["book-cover"]["name"];
22             // For image upload
23             $target_dir = "../uploads/book-covers/";
24             $target_file = $target_dir . basename($bookCoverName);
25             $tmp_name = $_FILES["book-cover"]["tmp_name"];
26
27             // VALIDATION
28             $ext = pathinfo($_FILES["book-cover"]["name"], PATHINFO_EXTENSION);
29             if (!in_array($ext, array("png", "jpg", "jpeg"))) {
30                 $_SESSION["edit-book-error-img"] = "The image you uploaded must be in jpg, jpeg or png format! Please reupload a new one.";
31             } else {
32                 // validate image size. Size is calculated in Bytes
33                 if ($_FILES["book-cover"]["size"] > 1000000) {
34                     $_SESSION["edit-book-error-img"] = "The file (image) you uploaded is too large. Upload other ones with under 1MB file size. Please reupload a new one.";
35                 } else {
36                     // image valid already, change it
37
38                     // first save the image to uploads/book-covers directory
39                     if (empty($_FILES["book-cover"]["name"])) {
40                         if (!move_uploaded_file($tmp_name, $target_file)) {
41                             $_SESSION["edit-book-error-img"] = "Something went wrong went uploading the image to our server."; // in case got error...
42                         } else {
43                             // then delete the previous image its name stored in the db
44                             unlink("../uploads/book-covers/" . $book["booksCoverImage"]);
45
46                             // then update the file name stored in the database
47                             $sql = "UPDATE books SET booksCoverImage = '" . $bookCoverName . "' WHERE booksISBN = '$target'";
48                             mysqli_query($conn, $sql);
49
50                             $_SESSION["edit-book-success-msg"] = "Book cover image is updated.";
51                         }
52                     }
53                 }
54             }
55         }
56     }
57 } else if (isset($_POST["changeISBN"])) {
58
59     // check for isbn
60     $isbn = $_POST["isbn"];
61     if ($isbn != $book["booksISBN"]) {
62         if (empty($isbn)) {
63             $_SESSION["edit-book-error-isbn"] = "ISBN of the book is required.";
64         } else {
65             if (invalidISBN($isbn)) {
66                 $_SESSION["edit-book-error-isbn"] = "The ISBN entered is invalid.";
67             } else {
68                 if (isbnExists($conn, $isbn)) {
69                     $_SESSION["edit-book-error-isbn"] = "There's a book with the same ISBN number already.";
70                 } else {
71                     $sql = "UPDATE books SET booksISBN = ? WHERE booksISBN = '$target'";
72                     $stmt = mysqli_stmt_init($conn);
73                     if (!mysqli_stmt_prepare($stmt, $sql)) {
74                         $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
75                     }
76
77                     mysqli_stmt_bind_param($stmt, "s", $isbn);
78                     mysqli_stmt_execute($stmt);
79
80                     mysqli_stmt_close($stmt);
81
82                     $target = $isbn;

```

```

83         $_SESSION["edit-book-success-msg"] = "ISBN is updated.";
84     }
85 }
86 }
87 }
88 }
89
90 } else if (isset($_POST["changeQuantity"])) {
91     // check for quantity
92     $quantity = $_POST["quantity"];
93     if ($quantity != $book["booksQuantity"]) {
94         if (empty($quantity)) {
95             $_SESSION["edit-book-error-quantity"] = "Quantity of the book is required.";
96         } else {
97             if (invalidQuantity($quantity)) {
98                 $_SESSION["edit-book-error-quantity"] = "The quantity entered is invalid.";
99             } else {
100                 $sql = "UPDATE books SET booksQuantity = ? WHERE booksISBN = '$target'";
101                 $stmt = mysqli_stmt_init($conn);
102                 if (!mysqli_stmt_prepare($stmt, $sql)) {
103                     $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
104                 }
105
106                 mysqli_stmt_bind_param($stmt, "s", $quantity);
107                 mysqli_stmt_execute($stmt);
108
109                 mysqli_stmt_close($stmt);
110
111                 $_SESSION["edit-book-success-msg"] = "Book quantity is updated.";
112             }
113         }
114     }
115 }
116
117 } else if (isset($_POST["changeTitle"])) {
118     // check for title
119     $title = $_POST["title"];
120     if ($title != $book["booksTitle"]) {
121         if (empty($title)) {
122             $_SESSION["edit-book-error-title"] = "Title of the book is required.";
123         } else {
124             $sql = "UPDATE books SET booksTitle = ? WHERE booksISBN = '$target'";
125             $stmt = mysqli_stmt_init($conn);
126             if (!mysqli_stmt_prepare($stmt, $sql)) {
127                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
128             }
129
130             mysqli_stmt_bind_param($stmt, "s", $title);
131             mysqli_stmt_execute($stmt);
132
133             mysqli_stmt_close($stmt);
134
135             $_SESSION["edit-book-success-msg"] = "Book title is updated.";
136         }
137     }
138 }
139
140 } else if (isset($_POST["changeAuthor"])) {
141     // check for author
142     $author = $_POST["author"];
143     if ($author != $book["booksAuthor"]) {
144         if (empty($author)) {
145             $_SESSION["edit-book-error-author"] = "Author of the book is required.";
146         } else {
147             $sql = "UPDATE books SET booksAuthor = ? WHERE booksISBN = '$target'";
148             $stmt = mysqli_stmt_init($conn);
149             if (!mysqli_stmt_prepare($stmt, $sql)) {
150                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
151             }
152
153             mysqli_stmt_bind_param($stmt, "s", $author);
154             mysqli_stmt_execute($stmt);
155
156             mysqli_stmt_close($stmt);
157
158             $_SESSION["edit-book-success-msg"] = "Book author is updated.";
159         }
160     }
161 }
162
163 } else if (isset($_POST["changeDescr"])) {
164     // there's no need to check for description
165     $descr = $_POST["description"];
166

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167     $sql = "UPDATE books SET booksDescription = ? WHERE booksISBN = '$target'";
168     $stmt = mysqli_stmt_init($conn);
169     if (!mysqli_stmt_prepare($stmt, $sql)) {
170         $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
171     }
172
173     mysqli_stmt_bind_param($stmt, "s", $descr);
174     mysqli_stmt_execute($stmt);
175
176     mysqli_stmt_close($stmt);
177
178     $_SESSION["edit-book-success-msg"] = "Book description is updated.";
179
180 } else if (isset($_POST["changeCategory"])) {
181
182     // check for category
183     $category = $_POST["category"];
184     if ($category != $book["booksCategory"]) {
185         if (empty($category)) {
186             $_SESSION["edit-book-error-category"] = "Category of the book is required.";
187         } else {
188             $sql = "UPDATE books SET booksCategory = ? WHERE booksISBN = '$target'";
189             $stmt = mysqli_stmt_init($conn);
190             if (!mysqli_stmt_prepare($stmt, $sql)) {
191                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
192             }
193
194             mysqli_stmt_bind_param($stmt, "s", $category);
195             mysqli_stmt_execute($stmt);
196
197             mysqli_stmt_close($stmt);
198
199             $_SESSION["edit-book-success-msg"] = "Book category is updated.";
200         }
201     }
202
203 } else if (isset($_POST["changePublisher"])) {
204
205     // check for publisher
206     $publisher = $_POST["publisher"];
207     if ($publisher != $book["booksPublisher"]) {
208         if (empty($publisher)) {
209             $_SESSION["edit-book-error-publisher"] = "Publisher of the book is required.";
210         } else {
211             $sql = "UPDATE books SET booksPublisher = ? WHERE booksISBN = '$target'";
212             $stmt = mysqli_stmt_init($conn);
213             if (!mysqli_stmt_prepare($stmt, $sql)) {
214                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
215             }
216
217             mysqli_stmt_bind_param($stmt, "s", $publisher);
218             mysqli_stmt_execute($stmt);
219
220             mysqli_stmt_close($stmt);
221
222             $_SESSION["edit-book-success-msg"] = "Book publisher is updated.";
223         }
224     }
225
226 } else if (isset($_POST["changeLanguage"])) {
227
228     // check for lang
229     $language = $_POST["language"];
230     if ($language != $book["booksLanguage"]) {
231         if (empty($language)) {
232             $_SESSION["edit-book-error-language"] = "Language of the book is required.";
233             $all_ok = false;
234         } else {
235             $sql = "UPDATE books SET booksLanguage = ? WHERE booksISBN = '$target'";
236             $stmt = mysqli_stmt_init($conn);
237             if (!mysqli_stmt_prepare($stmt, $sql)) {
238                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
239             }
240
241             mysqli_stmt_bind_param($stmt, "s", $language);
242             mysqli_stmt_execute($stmt);
243
244             mysqli_stmt_close($stmt);
245
246             $_SESSION["edit-book-success-msg"] = "Book language is updated.";
247         }
248     }
249
250 } else if (isset($_POST["changePrice"])) {

```

```

251
252 // check for price
253 $price = str_replace(str_split("$,"), "", $_POST["currency-field"]);
254 $price = empty($price) ? '00.00' : $price;
255 if ($price != $book["booksPrice"]) {
256     if (empty($price)) {
257         $_SESSION["edit-book-error-price"] = "Price of the book is required.";
258         $all_ok = false;
259     } else {
260         if (invalidPrice($price)) {
261             $_SESSION["edit-book-error-price"] = "The price entered is invalid.";
262             $all_ok = false;
263         } else {
264             $sql = "UPDATE books SET booksPrice = ? WHERE booksISBN = '$target'";
265             $stmt = mysqli_stmt_init($conn);
266             if (!mysqli_stmt_prepare($stmt, $sql)) {
267                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
268             }
269
270             mysqli_stmt_bind_param($stmt, "s", $price);
271             mysqli_stmt_execute($stmt);
272
273             mysqli_stmt_close($stmt);
274
275             $_SESSION["edit-book-success-msg"] = "Book price is updated.";
276         }
277     }
278 }
279
280 } else if (isset($_POST["changeYear"])) {
281
282 // check for year
283 $year = $_POST["year"];
284 if ($year != $book["booksYear"]) {
285     if (empty($year)) {
286         $_SESSION["edit-book-error-year"] = "Publication year of the book is required.";
287     } else {
288         $sql = "UPDATE books SET booksYear = ? WHERE booksISBN = '$target'";
289         $stmt = mysqli_stmt_init($conn);
290         if (!mysqli_stmt_prepare($stmt, $sql)) {
291             $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
292         }
293
294         mysqli_stmt_bind_param($stmt, "s", $year);
295         mysqli_stmt_execute($stmt);
296
297         mysqli_stmt_close($stmt);
298
299         $_SESSION["edit-book-success-msg"] = "Book publication year is updated.";
300     }
301 }
302
303 } else if (isset($_POST["changePages"])) {
304
305 // check for pages
306 $pages = $_POST["pages"];
307 if ($pages != $book["booksPages"]) {
308     if (empty($pages)) {
309         $_SESSION["edit-book-error-pages"] = "Number of pages of the book is required.";
310     } else {
311         if (invalidPages($pages)) {
312             $_SESSION["edit-book-error-pages"] = "The number of pages entered is invalid.";
313         } else {
314             $sql = "UPDATE books SET booksPages = ? WHERE booksISBN = '$target'";
315             $stmt = mysqli_stmt_init($conn);
316             if (!mysqli_stmt_prepare($stmt, $sql)) {
317                 $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
318             }
319
320             mysqli_stmt_bind_param($stmt, "s", $pages);
321             mysqli_stmt_execute($stmt);
322
323             mysqli_stmt_close($stmt);
324
325             $_SESSION["edit-book-success-msg"] = "Number of pages of book is updated.";
326         }
327     }
328 }
329
330 } else if (isset($_POST["changeShelf"])) {
331
332 // check for shelf
333 $shelf = $_POST["shelf"];
334 if ($shelf != $book["booksShelf"]) {

```

```

335     if (empty($shelf)) {
336         $_SESSION["edit-book-error-shelf"] = "Shelf name of the book is required.";
337         $all_ok = false;
338     } else {
339         $sql = "UPDATE books SET booksShelf = ? WHERE booksISBN = '$target'";
340         $stmt = mysqli_stmt_init($conn);
341         if (!mysqli_stmt_prepare($stmt, $sql)) {
342             $_SESSION["edit-book-error-stmt"] = "Sorry, something went wrong.";
343         }
344
345         mysqli_stmt_bind_param($stmt, "s", $shelf);
346         mysqli_stmt_execute($stmt);
347
348         mysqli_stmt_close($stmt);
349
350         $_SESSION["edit-book-success-msg"] = "Shelf name where the book is located is updated.";
351     }
352 }
353
354 }
355
356 header("location: ../edit_book.php?id=$target");
357
358 } else {
359     header("location: ../manage_books.php");
360     exit();
361 }

```

feedback.inc.php

```
feedback.inc.php X
lms > includes > feedback.inc.php
1  <?php
2
3  //Import PHPMailer classes into the global namespace
4  //These must be at the top of your script, not inside a function
5  use PHPMailer\PHPMailer\PHPMailer;
6  use PHPMailer\PHPMailer\SMTP;
7  use PHPMailer\PHPMailer\Exception;
8
9  //Load Composer's autoloader
10 require '../vendor/autoload.php';
11
12 // use phpdotenv
13 $dotenv = Dotenv\Dotenv::createImmutable(__DIR__ . '/../');
14 $dotenv->load();
15
16 if (isset($_POST["submit-feedback"])) {
17     session_start();
18
19     $name = $_POST["name"];
20     $email = $_POST["email"];
21     $emoji = $_POST["emoji"];
22     $feedback = $_POST["feedback"];
23
24     // validation
25     include_once 'functions.inc.php';
26     if (empty($name) || empty($email) || empty($emoji)) {
27         $_SESSION["give-feedback-error"] = "Fill in all fields.";
28         if (empty($emoji)) {
29             $_SESSION["give-feedback-error"] .= "<br>Select one of the emoji.";
30         }
31     }
32     if (invalidUsername($name)) {
33         $_SESSION["give-feedback-error"] = "The name entered is invalid!";
34     }
35     if (invalidEmail($email)) {
36         $_SESSION["give-feedback-error"] = "The email entered is invalid!";
37     }
38
39     if (isset($_SESSION["give-feedback-error"])) {
40         header("location: ../feedback/index.php");
41         exit;
42     }
43
44     // now send the feedback to ourself, to our email
45     //Create an instance; passing 'true' enables exceptions
46     $mail = new PHPMailer(true);
47
48     try {
49         //Server settings
50         // $mail->SMTPDebug = SMTP::DEBUG_SERVER;           //Enable verbose debug output
51         $mail->isSMTP();                                     //Send using SMTP
52         $mail->Host = 'smtp.gmail.com';                     //Set the SMTP server to send through
53         $mail->SMTPAuth = true;                             //Enable SMTP authentication
54         $mail->Username = 'pathfinderlibms@gmail.com';       //SMTP username
55         $mail->Password = $_SERVER["EMAIL_PASSWORD"];       //SMTP password
56         $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;     //Enable implicit TLS encryption
57         $mail->Port = 465;                                   //TCP port to connect to; use 587 if you have set `SMTPSecure =
58         PHPMailer::ENCRYPTION_STARTTLS`
59
60         //Recipients
61         $mail->setFrom('pathfinderlibms@gmail.com');
62         $mail->addAddress('pathfinderlibms@gmail.com');
63
64         //Content
65         $mail->isHTML(true);                                //Set email format to HTML
66         $mail->Subject = 'Feedback from user';
67         $mail->Body = "Feedback from '$name' ($email). <br>User experience: $emoji<br>Comment: $feedback";
68
69         $mail->send();
70
71         $_SESSION["feedback-submitted-success-msg"] = "Feedback submitted. We appreciate it and promise will read through them so that we can
72         provide you a better user experience next time!";
73
74         // reply the user here based on his reaction whether it's good, average, or bad
75         $mail->clearAllRecipients();
76         $mail->addAddress($email);
77         //Content
78         $mail->Subject = 'Thanks for your feedback!';
79         if ($emoji == "Good") {
80             $mail->Body = "Thanks for your kind response. We will work harder to meet up your expectations!";
81         } elseif ($emoji == "Average") {
82             $mail->Body = "Thanks for your kind response. We will update our website regularly to provide better service to our customers.Thank
83             you!";
84         } else {
85             $mail->Body = "Thanks for your kind response. We will update our website regularly to provide better service to our customers.Thank
86             you!";
87         }
88     } catch (Exception $e) {
89         //Message failed to send
90         $_SESSION["give-feedback-error"] = "Message failed to send: " . $e->getMessage();
91     }
92 }
```

```
82         $mail->Body = "We are so sorry for letting you down. Your advice would be engraved on our heart. Stay tuned for better updates.";
83     }
84     $mail->send();
85
86     header("location: ../feedback/index.php");
87     exit;
88
89 } catch (Exception $e) {
90     echo "Message could not be sent. Mailer Error: {$mail->ErrorInfo}";
91 }
92
93 } else {
94     header("location: ../index.php");
95     exit;
96 }
```

functions.inc.php

```
functions.inc.php X
lms > includes > functions.inc.php > ...
1  <?php
2
3  session_start();
4
5  require '../vendor/autoload.php'; // composer's autoload
6
7  function emptyInputSignup($username, $email, $pwd, $pwdRepeat) {
8      $result;
9      if (empty($username) || empty($email) || empty($pwd) || empty($pwdRepeat)) {
10         $result = true;
11     } else {
12         $result = false;
13     }
14     return $result;
15 }
16
17 function invalidUsername($username) {
18     $result;
19     if (!preg_match("/^[a-zA-Z]*$/", $username)) {
20         if (strlen($username) >= 3 and strlen($username) <= 70) {
21             $result = true;
22         } else {
23             $result = false;
24         }
25     } else {
26         $result = true;
27     } else {
28         $result = false;
29     }
30     return $result;
31 }
32
33 function invalidEmail($email) {
34     $result;
35     if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
36         $result = true;
37     } else {
38         $result = false;
39     }
40     return $result;
41 }
42
43 function pwdDontMatch($pwd, $pwdRepeat) {
44     $result;
45     if ($pwd != $pwdRepeat) {
46         $result = true;
47     } else {
48         $result = false;
49     }
50     return $result;
51 }
52
53 function usernameExists($conn, $username, $email) {
54     $sql = "SELECT * FROM users WHERE usersUsername = ? or usersEmail = ?;";
55     $stmt = mysqli_stmt_init($conn);
56     if (!mysqli_stmt_prepare($stmt, $sql)) {
57         $SESSION["signup-error"] = "Sorry, something went wrong.";
58         header("location: ../entry/signup.php");
59         exit();
60     }
61
62     mysqli_stmt_bind_param($stmt, "ss", $username, $email);
63     mysqli_stmt_execute($stmt);
64
65     $resultData = mysqli_stmt_get_result($stmt);
66
67     if ($row = mysqli_fetch_assoc($resultData)) {
68         return $row;
69     } else {
70         $result = false;
71         return $result;
72     }
73
74     mysqli_stmt_close($stmt);
75 }
76
77 function createUser($conn, $username, $email, $pwd, $type) {
78     $sql = "INSERT INTO users (usersUsername, usersEmail, usersPwd, usersType) values (?, ?, ?, ?)";
79     $stmt = mysqli_stmt_init($conn);
80     if (!mysqli_stmt_prepare($stmt, $sql)) {
81         $SESSION["signup-error"] = "Sorry, something went wrong.";
82         $SESSION["temp-type"] = $type;
83         header("location: ../entry/signup.php");
84         exit();
85     }
86 }
```

```

57     header("location: ../entry/signup.php");
58     exit();
59 }
60
61 mysqli_stmt_bind_param($stmt, "ss", $username, $email);
62 mysqli_stmt_execute($stmt);
63
64 $resultData = mysqli_stmt_get_result($stmt);
65
66 if ($row = mysqli_fetch_assoc($resultData)) {
67     return $row;
68 } else {
69     $result = false;
70     return $result;
71 }
72
73 mysqli_stmt_close($stmt);
74 }
75
76 function createUser($conn, $username, $email, $pwd, $type) {
77     $sql = "INSERT INTO users (usersUsername, usersEmail, usersPwd, usersType) values (?, ?, ?, ?)";
78     $stmt = mysqli_stmt_init($conn);
79     if (!mysqli_stmt_prepare($stmt, $sql)) {
80         $_SESSION["signup-error"] = "Sorry, something went wrong.";
81         $_SESSION["temp-type"] = $type;
82         header("location: ../entry/signup.php");
83         exit();
84     }
85
86     $hashedPwd = password_hash($pwd, PASSWORD_DEFAULT);
87
88     if ($type == "librarian") {
89         $type = "librarian, pending";
90     } else {
91         $type = "member";
92     }
93
94     mysqli_stmt_bind_param($stmt, "ssss", $username, $email, $hashedPwd, $type);
95     mysqli_stmt_execute($stmt);
96
97     mysqli_stmt_close($stmt);
98
99     loginUser($conn, $username, $pwd);
100     exit();
101 }
102
103 function emptyInputLogin($username, $pwd) {
104     $result = false;
105     if (empty($username) || empty($pwd)) {
106         $result = true;
107     }
108     return $result;
109 }
110
111 function loginUser($conn, $username, $pwd) {
112     $usernameExists = usernameExists($conn, $username, $username);
113
114     if ($usernameExists === false) {
115         $_SESSION["login-error"] = "Incorrect login details";
116         header("location: ../entry/login.php");
117         exit();
118     }
119
120     $pwdHashed = $usernameExists["usersPwd"];
121     $checkPwd = password_verify($pwd, $pwdHashed);
122
123     if ($checkPwd === false) {
124         $_SESSION["login-error"] = "Incorrect login details";
125         header("location: ../entry/login.php");
126         exit();
127     } else if ($checkPwd === true) {
128         session_start();
129
130         // setting session variables to store logged in user data
131         $_SESSION["userId"] = $usernameExists["usersId"];
132         $_SESSION["userusername"] = $usernameExists["usersUsername"];
133
134         $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userId"] . "'"))["usersType"];
135
136         if ($type == "admin") {
137             header("location: ../admin.php");
138             exit();
139         }
140         header("location: ../index.php");

```

```

141     exit();
142 }
143 }
144
145 function emptyInputAddBook($isbn, $title, $author, $descr, $category, $publisher, $language, $price, $year, $pages, $shelf) {
146     $result;
147     if (empty($isbn) || empty($title) || empty($author) || empty($category) || empty($publisher) || empty($language) || empty($price) || empty($year) || empty($pages) || empty($shelf)) {
148         $result = true;
149     } else {
150         $result = false;
151     }
152     return $result;
153 }
154
155 function invalidISBN($isbn_no) {
156     $isbn = new isbn\isbn();
157     $result;
158     if ($isbn->validation->isbn($isbn_no)) {
159         $result = false;
160     } else {
161         $result = true;
162     }
163     return $result;
164 }
165
166 function isbnExists($conn, $isbn_no) {
167     $result;
168     $sql = "SELECT * FROM books WHERE booksISBN = ?";
169     $stmt = mysqli_stmt_init($conn);
170     if (!mysqli_stmt_prepare($stmt, $sql)) {
171         header("location: ../index.php?error=stmtfailed");
172         exit();
173     }
174     mysqli_stmt_bind_param($stmt, "s", $isbn_no);
175     mysqli_stmt_execute($stmt);
176
177     $resultData = mysqli_stmt_get_result($stmt);
178
179     if ($row = mysqli_fetch_assoc($resultData)) {
180         $result = true;
181     } else {
182         $result = false;
183     }
184
185     mysqli_stmt_close($stmt);
186
187     return $result;
188 }
189
190 function invalidQuantity($quantity) {
191     $result;
192     $filter_options = array(
193         'options' => array('min_range' => 1)
194     );
195
196     if (filter_var($quantity, FILTER_VALIDATE_INT, $filter_options) !== false) {
197         $result = false;
198     } else {
199         $result = true;
200     }
201     return $result;
202 }
203
204 function invalidPrice($price) {
205     $result;
206     $filter_options = array(
207         'options' => array('min_range' => 0)
208     );
209
210     if (filter_var($price, FILTER_VALIDATE_FLOAT, $filter_options) !== false) {
211         $result = false;
212     } else {
213         $result = true;
214     }
215     return $result;
216 }
217
218 function invalidPages($pages) {
219     $result;
220     $filter_options = array(
221         'options' => array('min_range' => 1)
222     );
223 }

```

```

224
225     if (filter_var($pages, FILTER_VALIDATE_INT, $filter_options) !== false) {
226         $result = false;
227     } else {
228         $result = true;
229     }
230     return $result;
231 }
232
233 function editAccountUsernameExists($conn, $subjectId, $newUsername) {
234     $sql = "SELECT * FROM users WHERE usersUsername = ?;";
235     $stmt = mysqli_stmt_init($conn);
236     if (!mysqli_stmt_prepare($stmt, $sql)) {
237         header("location: ../edit_account.php?subjectId=$subjectId&error=stmtfailed");
238         exit();
239     }
240
241     mysqli_stmt_bind_param($stmt, "s", $newUsername);
242     mysqli_stmt_execute($stmt);
243
244     $resultData = mysqli_stmt_get_result($stmt);
245
246     if ($row = mysqli_fetch_assoc($resultData)) {
247         $result = true;
248     } else {
249         $result = false;
250     }
251
252     mysqli_stmt_close($stmt);
253
254     return $result;
255 }
256
257 function editAccountEmailExists($conn, $subjectId, $newEmail) {
258     $sql = "SELECT * FROM users WHERE usersEmail = ?;";
259     $stmt = mysqli_stmt_init($conn);
260     if (!mysqli_stmt_prepare($stmt, $sql)) {
261         header("location: ../edit_account.php?subjectId=$subjectId&error=stmtfailed");
262         exit();
263     }
264
265     mysqli_stmt_bind_param($stmt, "s", $newEmail);
266     mysqli_stmt_execute($stmt);
267
268     $resultData = mysqli_stmt_get_result($stmt);
269
270     if ($row = mysqli_fetch_assoc($resultData)) {
271         $result = true;
272     } else {
273         $result = false;
274     }
275
276     mysqli_stmt_close($stmt);
277
278     return $result;
279 }
280
281 function canChangePwd($conn, $oldPwd, $subjectId) {
282     $result;
283     $currentPwd = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '$subjectId'"))["usersPwd"];
284     if (password_verify($oldPwd, $currentPwd)) {
285         $result = true;
286     } else {
287         $result = false;
288     }
289     return $result;
290 }

```

get-notification.php

```
get-notification.inc.php X
lms > includes > get-notification.inc.php > -
1  [?]php include_once 'dbh.inc.php';
2  <?php
3
4      function get_userId($db, $username) {
5          $sql = "SELECT usersId FROM users WHERE usersUsername='$username'";
6          return mysqli_fetch_assoc(mysqli_query($db, $sql))["usersId"];
7      }
8
9      $userId = $_POST["user"];
10     // $userId = get_userId($conn, $username);
11
12     $sql = "SELECT * FROM `Notification` WHERE `userId`='{$userId}' ORDER BY `dateCreated` ASC;";
13     $result = mysqli_query($conn, $sql);
14     $notifications = Array();
15
16     if(mysqli_num_rows($result)){
17         while($row = mysqli_fetch_assoc($result)){
18             $notifications[] = Array("id" => $row["notificationId"], "text" => $row["text"], "timestamp" => $row["dateCreated"], "read" => $row["read"]);
19         }
20     }
21
22     /*
23     * now we need to find the activity that relates to the notification
24     * and create a text message that will be displayed to the user
25     * containing the users who are responsible for that particular activity
26     */
27
28     echo(json_encode($notifications)); // convert array to JSON text
```

librarian-to-member.inc.php

```
librarian-to-member.inc.php X
lms > includes > librarian-to-member.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4  session_start();
5
6  if (isset($_SESSION["userid"])) {
7      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"))["usersType"];
8      if ($type == "librarian") {
9          mysqli_query($conn, "UPDATE users SET usersType = 'member' WHERE usersUsername = '" . $_SESSION["username"] . "'");
10
11          // push notification to admin
12          $notification = $_SESSION["username"] . " quit being a librarian.";
13          mysqli_query($conn, "INSERT INTO `notification` (userId, `text`) VALUES ('1', '$notification')");
14
15          $_SESSION["quit"] = "You are no longer a librarian anymore. From now on, you are just a normal member. If you wish to become a librarian";
16
17          header("location: ../profile.php");
18          exit();
19      }
20      else {
21          header("location: ../index.php");
22          exit();
23      }
24  } else {
25      header("location: ../index.php");
26      exit();
27  }
```

login.inc.php

```
login.inc.php X
lms > includes > login.inc.php
1  <?php
2
3  session_start();
4
5  if (isset($_POST["login"])) {
6      $username = $_POST["username"];    // even it may be that email is being submitted, we are still gonna call it username
7      $pwd = $_POST["password"];
8
9      require_once 'dbh.inc.php';
10     require_once 'functions.inc.php';
11
12     if (emptyInputLogin($username, $pwd) !== false) {
13         $_SESSION["login-error"] = "Username/email and password is required!";
14     } else {
15         loginUser($conn, $username, $pwd);
16     }
17 }
18
19 header("location: ../entry/login.php");
20 exit;
```

logout.inc.php

```
logout.inc.php X
lms > includes > logout.inc.php
1  <?php
2
3  session_start();
4  session_unset();
5  session_destroy();
6
7  header("location: ../entry/login.php");
8  exit();
```

member-to-librarian.inc.php

```
member-to-librarian.inc.php X
lms > includes > member-to-librarian.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4  session_start();
5
6  if (isset($_SESSION["userId"])) {
7      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userId"] . "'"))["usersType"];
8      if ($type == "member") {
9
10         mysqli_query($conn, "UPDATE users SET usersType = 'librarian, pending' WHERE usersUsername = '" . $_SESSION["userusername"] . "'");
11
12         // then add notification to admin
13         $notification = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userId"] . "'"))
14         ["usersUsername"] . " requested to be a librarian.";
15         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('1', '$notification')");
16
17         $_SESSION["requested"] = "Your request to become a librarian is successfully sent to the admin!";
18
19         header("location: ../profile.php");
20         exit();
21     } else {
22         header("location: ../index.php");
23         exit();
24     }
25 } else {
26     header("location: ../index.php");
27     exit();
28 }
```

notify.inc.php

```
notify.inc.php X
lms > includes > notify.inc.php > ...
1  <?php include_once 'dbh.inc.php';?>
2  <?php
3      function get_userId($db, $username) {
4          $sql = "SELECT usersId FROM users WHERE usersUsername='$username'";
5          return mysqli_fetch_assoc(mysqli_query($db, $sql))["usersId"];
6      }
7
8      $user = $_POST["username"];
9      $content = $_POST["notify-content"];
10
11      $id = get_userId($conn, $user);
12
13      // insert new record with the details
14      $sql = "INSERT INTO `Notification`(`userId`, `text`) VALUES($id, '$content')";
15      mysqli_query($conn, $sql);
16
17      header("location: ../notification.php");
18  ?>
```

query_book.inc.php

```
query_book.inc.php X
lms > includes > query_book.inc.php
1  <?php include_once 'dbh.inc.php';>
2  <?php
3      // default settings
4      // $dflt_keysArr = Array();
5      // $dflt_keysArr[] = "booksTitle";
6      // $dflt_keysArr[] = "booksISBN";
7      // $dflt_keysArr[] = "booksAuthor";
8      // $dflt_keysArr[] = "booksCategory";
9      // $dflt_keysArr[] = "booksYear";
10     // $dflt_keysArr[] = "booksPublisher";
11     // $dflt_keysArr[] = "booksShelf";
12     // $dflt_keysArr[] = "booksLanguage";
13     // $dflt_keys = "(" . implode(", ", $dflt_keysArr) . ")";
14
15     // $dflt_value = "";
16     // $dflt_order = "booksYear";
17     // $dflt_index = 1;
18     // $dflt_loadData = 10;
19
20     // could use more sanitize and error handling (what if the get attribute isn't present)
21     // mysqli_escape_string();
22     // $value = $_GET["value"] == '' ? $dflt_value : $_GET["value"];
23     // $order = $_GET["orderBy"] == '' ? $dflt_order : $_GET["orderBy"];
24     // $index = $_GET["index"] == '' ? $dflt_index : $_GET["index"];
25     // $loadData = $_GET["dR"] == '' ? $dflt_loadData : $_GET["dR"];
26     $keysArr = json_decode($_GET["searchKeys"]);
27     $value = $_GET["value"];
28     $order = $_GET["orderBy"];
29     $index = $_GET["index"];
30     $loadData = $_GET["dR"];
31
32     $index = (int) $index;
33     $loadData = (int) $loadData;
34     $rangeStart = ($index - 1) * $loadData;
35
36     $condition = "WHERE ";
37     for ($x = 0; $x < count($keysArr); $x++) {
38         if ($x) {
39             $condition .= " OR ";
40         }
41         $condition .= $keysArr[$x] . " LIKE '%" . $value . "%'";
42     }
43
44     $totalResult = 0;
45     $querySet = Array();
46
47     $sql = "SELECT count(distinct booksISBN, booksTitle) AS num FROM books $condition;";
48     if ($result = mysqli_query($conn, $sql)) {
49         $row = mysqli_fetch_assoc($result);
50         $totalResult = (int) $row["num"];
51     }
52
53     $sql = "SELECT distinct booksISBN AS isbn, booksTitle AS title, booksDescription AS detail, booksCoverImage AS bookCover, booksQuantity,
54     booksloaned FROM books $condition ORDER BY $order ASC LIMIT $loadData OFFSET $rangeStart;";
55     if ($result = mysqli_query($conn, $sql)) {
56         while($row = mysqli_fetch_assoc($result)) {
57             if ((int)$row["booksQuantity"] - (int)$row["booksloaned"] > 0) {
58                 $row += array('available' => true);
59             } else {
60                 $row += array('available' => false);
61             }
62             unset($row["booksQuantity"]);
63             unset($row["booksloaned"]);
64             $querySet[] = $row;
65         }
66     }
67
68     $rangeEnd = 0;
69     if ($totalResult) {
70         $rangeStart = $rangeStart + 1;
71         $rangeEnd = $rangeStart + $loadData - 1;
72         if ($rangeEnd > $totalResult) {
73             $rangeEnd = $totalResult;
74         }
75     }
76
77     $container = Array();
78     $container[] = $totalResult;
79     $container[] = $rangeStart;
80     $container[] = $rangeEnd;
81     $container[] = $querySet;
82     echo json_encode($container);
83 >>
```

read-notification.inc.php

```
read-notification.inc.php X
lms > includes > read-notification.inc.php
1  <?php include_once 'dbh.inc.php';>
2
3  <?php
4      $id = $_POST["notificationId"];
5      $sql = "UPDATE `Notification` SET `read`='1' WHERE `notificationId`=$id;";
6      mysqli_query($conn, $sql);
7  >>
```

reject_librarian_signup_request.inc.php

```
reject_librarian_signup_request.inc.php X
lms > includes > reject_librarian_signup_request.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4  session_start();
5
6  if (isset($_SESSION["userid"])) {
7      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"))["usersType"];
8      if ($type == "admin" and isset($_GET["subject"])) {
9          $targetId = $_GET["subject"];
10
11          // set the user membership type to member only
12          mysqli_query($conn, "UPDATE users SET usersType = 'member' WHERE usersId = '$targetId'");
13
14          // then add notification to user
15          $notification = "Your request to become a librarian is turned down by the admin, unfortunately. Please contact your library admin for more details. You may request again however as much as you want.";
16          mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$targetId', '$notification')");
17      }
18  }
19  header("location: ../admin.php");
20  exit;
```

reject-borrow-request.inc.php

```
reject-borrow-request.inc.php X
lms > includes > reject-borrow-request.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4
5  session_start();
6
7  // check whether link valid
8  if (!isset($_GET["user"]) || !isset($_GET["index"]) || !isset($_GET["isbn"])) {
9      header("location: ../index.php");
10 } else {
11     $usersBorrowPending = mysqli_fetch_assoc(mysqli_query($conn, "SELECT borrowPending FROM users WHERE userId = '" . $_GET["user"] . "'"));
12     ["borrowPending"];
13     $pendingBookList = explode(">", array_slice(explode(",", $usersBorrowPending), 1)[$_GET["index"]]);
14     if (!($pendingBookList[0] == $_GET["isbn"])) {
15         header("location: ../index.php");
16         exit();
17     }
18 }
19
20 // check whether it is librarian or admin who is accessing this page or not
21 if (isset($_SESSION["userid"])) {
22     $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))["usersType"];
23     if ($type != "admin" && $type != "librarian") {
24         header("location: ../index.php");
25         exit();
26     }
27
28     // delete the borrow pending record
29     $usersBorrowPending = explode(",", $usersBorrowPending);
30     if (count($usersBorrowPending) == 2) {
31         mysqli_query($conn, "UPDATE users SET borrowPending = '' WHERE userId = '" . $_GET["user"] . "'");
32     } else {
33         $usersBorrowPending = array_slice($usersBorrowPending, 1);
34         unset($usersBorrowPending[$_GET["index"]]);
35         array_values($usersBorrowPending);
36         mysqli_query($conn, "UPDATE users SET borrowPending = '" . implode(",", $usersBorrowPending) . "' WHERE userId = '" . $_GET["user"] . "'");
37     }
38
39     $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '" . $_GET["isbn"] . "'"));
40     $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_GET["user"] . "'"));
41
42     mysqli_query($conn, "UPDATE books SET booksPending = '" . (int)$book["booksPending"] - 1 . "' WHERE booksISBN = '" . $_GET["isbn"] . "'");
43
44     mysqli_query($conn, "UPDATE users SET bookQuota = '" . (int)$user["bookQuota"] - 1 . "' WHERE userId = '" . $_GET["user"] . "'");
45
46     // then add notification to user
47     $notification = "Your request to borrow the book named " . $book["booksTitle"] . " (" . $book["booksISBN"] . ") is turned down by the authority, unfortunately. Please contact the librarians for more details. You may request again however as much as you want as long as the book is still in stock.";
48     mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('" . $_GET["user"] . "', '$notification')");
49
50     if ($type == "admin") {
51         header("location: ../admin.php");
52         exit();
53     } else {
54         header("location: ../librarian.php");
55         exit();
56     }
57 } else {
58     header("location: ../index.php");
59 }
60 }
```

remove-librarian.inc.php

```
remove-librarian.inc.php X
lms > includes > remove-librarian.inc.php
1  {?php
2
3  include_once 'dbh.inc.php';
4  session_start();
5
6  if (isset($_SESSION["userid"])) {
7      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"))["usersType"];
8      if ($type == "admin" and isset($_GET["subject"])) {
9          $targetId = $_GET["subject"];
10         mysqli_query($conn, "UPDATE users SET usersType = 'member' WHERE usersId = '$targetId'");
11
12         // then add notification to user
13         $notification = "You have been removed as an librarian. Please contact your library admin for more details.";
14         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$targetId', '$notification')");
15
16         header("location: ../admin.php");
17         exit();
18     } else {
19         header("location: ../admin.php");
20         exit();
21     }
22 } else {
23     header("location: ../admin.php");
24     exit();
25 }
```

reserve-book.inc.php

```
reserve-book.inc.php X
lms > includes > reserve-book.inc.php
1  {?php
2  include 'dbh.inc.php';
3  include 'functions.inc.php';
4
5  date_default_timezone_set('Asia/Kuala_Lumpur');
6
7  session_start();
8
9  // check whether is logged in or not
10 if (!isset($_SESSION["userid"]) || !isset($_GET["id"])) {
11     header("location: ../index.php");
12     exit();
13 }
14
15 $target = $_GET["id"];
16
17 if (invalidISBN($target)) {
18     header("location: ../index.php");
19     exit();
20 }
21
22 $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$target'"));
23
24 // first, add to reservation queue in books table for that particular book
25 mysqli_query($conn, "UPDATE books SET booksReservedQueue = '" . $book["booksReservedQueue"] . "', '" . $target . "' . $_SESSION["userid"] . "'
WHERE booksISBN = '" . $target . "'");
26
27 $_SESSION["book-reserved-success-msg"] = "Book reserved successfully. We will add it to your reservation cart as soon as the book is available.
Do remember to pick up (borrow) the book at your reservation cart once notified, within 3 days.";
28
29 header("location: ../book.php?id=$target");
30 exit;
```

reset-book-cover.inc.php

```
reset-book-cover.inc.php x
lms > includes > reset-book-cover.inc.php
1  <?php
2
3  session_start();
4
5  include_once 'dbh.inc.php';
6  include_once 'functions.inc.php';
7
8  if (isset($_SESSION["userid"])) {
9      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))["usersType"];
10     if ($type != "admin") {
11         header("location: index.php");
12         exit;
13     }
14
15     // admin access: ok
16     if (isset($_GET["target"])) {
17         $targetISBN = $_GET["target"];
18         if (invalidISBN($targetISBN)) {
19             header("location: ../manage_books.php");
20             exit();
21         } else {
22             // admin access: ok, link with isbn id: ok
23             // fetch book details
24             $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$targetISBN'"));
25
26             // then delete the previous image its name stored in the db
27             unlink("../uploads/book-covers/" . $book["booksCoverImage"]);
28
29             // then update the file name stored in the database
30             $sql = "UPDATE books SET booksCoverImage = 'default-book-cover.png' WHERE booksISBN = '$targetISBN'";
31             mysqli_query($conn, $sql);
32
33             $_SESSION["edit-book-success-msg"] = "Book cover image reset to default.";
34             header("location: ../edit_book.php?id=$targetISBN");
35         }
36     }
37 } else {
38     header("location: ../index.php");
39 }
```

reset-password.inc.php

```
reset-password.inc.php X
lms > includes > reset-password.inc.php
1  <?php
2
3  if (isset($_POST["reset-password-submit"])) {
4
5      $selector = $_POST["selector"];
6      $validator = $_POST["validator"];
7      $password = $_POST["pwd"];
8      $passwordRepeat = $_POST["pwd-repeat"];
9
10     if (empty($password) || empty($passwordRepeat)) {
11         header("location: ../create_new_password.php?newpwd=empty&selector=$selector&validator=$validator");
12         exit();
13     } else if ($password != $passwordRepeat) {
14         header("location: ../create_new_password.php?newpwd=pwdnotsame&selector=$selector&validator=$validator");
15         exit();
16     }
17
18     $currentDate = date("U");
19
20     require_once 'dbh.inc.php';
21
22     $sql = "SELECT * FROM pwdReset WHERE pwdResetSelector=? AND pwdResetExpires >= ?";
23     $stmt = mysqli_stmt_init($conn);
24     if (!mysqli_stmt_prepare($stmt, $sql)) {
25         echo "Either the email you used to reset password is not associated with your account, or this link has expired.";
26         exit();
27     } else {
28         mysqli_stmt_bind_param($stmt, "ss", $selector, $currentDate);
29         mysqli_stmt_execute($stmt);
30
31         $result = mysqli_stmt_get_result($stmt);
32         if (!$row = mysqli_fetch_assoc($result)) {
33             echo "You need to resubmit your reset request.";
34             exit();
35         } else {
36             $tokenBin = hex2bin($validator);
37             $tokenCheck = password_verify($tokenBin, $row["pwdResetToken"]);
38
39             if ($tokenCheck === false) {
40                 echo "You need to resubmit your reset request.";
41                 exit();
42             } else if ($tokenCheck === true) {
43                 $tokenEmail = $row["pwdResetEmail"];
44
45                 $sql = "SELECT * FROM users WHERE usersEmail=?";
46
47                 $stmt = mysqli_stmt_init($conn);
48                 if (!mysqli_stmt_prepare($stmt, $sql)) {
49                     echo "Either the email you used to reset password is not associated with your account, or this link has expired.";
50                     exit();
51                 } else {
52                     mysqli_stmt_bind_param($stmt, "s", $tokenEmail);
53                     mysqli_stmt_execute($stmt);
54                     $result = mysqli_stmt_get_result($stmt);
55                     if (!$row = mysqli_fetch_assoc($result)) {
56                         echo "Either the email you used to reset password is not associated with your account, or this link has expired.";
57                         exit();
58                     } else {
59
60                         $sql = "UPDATE users SET usersPwd=? WHERE usersEmail=?";
61                         $stmt = mysqli_stmt_init($conn);
62                         if (!mysqli_stmt_prepare($stmt, $sql)) {
63                             echo "Either the email you used to reset password is not associated with your account, or this link has expired.";
64                             exit();
65                         } else {
66                             $newPwdHash = password_hash($password, PASSWORD_DEFAULT);
67                             mysqli_stmt_bind_param($stmt, "ss", $newPwdHash, $tokenEmail);
68                             mysqli_stmt_execute($stmt);
69
70                             $sql = "DELETE FROM pwdReset WHERE pwdResetEmail=?";
71                             $stmt = mysqli_stmt_init($conn);
72                             if (!mysqli_stmt_prepare($stmt, $sql)) {
73                                 echo "Either the email you used to reset password is not associated with your account, or this link has expired.";
74                                 exit();
75                             } else {
76                                 mysqli_stmt_bind_param($stmt, "s", $tokenEmail);
77                                 mysqli_stmt_execute($stmt);
78
79                                 // then add notification to user
80                                 $notification = "You reset your account password. Not you? Contact your library admin as soon as possible.";
81                                 mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('" . $_SESSION["userId"] . "', '$notification')");
82

```

```

83         header("location: ../entry/login.php");
84     }
85 }
86
87 }
88
89 }
90 }
91 }
92
93 } else {
94     header("location: ../index.php");
95     exit();
96 }

```

```

83. login.php
84. login.php
85. login.php
86. login.php
87. login.php
88. login.php
89. login.php
90. login.php
91. login.php
92. login.php
93. login.php
94. login.php
95. login.php
96. login.php

```

reset-request.inc.php

```
reset-request.inc.php X
lms > includes > reset-request.inc.php
1  <?php
2
3  //Import PHPMailer classes into the global namespace
4  //These must be at the top of your script, not inside a function
5  use PHPMailer\PHPMailer\PHPMailer;
6  use PHPMailer\PHPMailer\SMTP;
7  use PHPMailer\PHPMailer\Exception;
8
9  //Load Composer's autoloader
10 require '../vendor/autoload.php';
11
12 // use phpdotenv
13 $dotenv = Dotenv\Dotenv::createImmutable(__DIR__ . '/../');
14 $dotenv->load();
15
16 if (isset($_POST["reset-request-submit"])) {
17
18     $selector = bin2hex(random_bytes(8));
19     $token = random_bytes(32);
20
21     $domain = $_SERVER["DOMAIN"]; // this is the current link of the temporary server, need to change it in .env every time a new server is
22     // started...uwu
23
24     $url = "$domain/pathfinder/create_new_password.php?selector=$selector&validator=" . bin2hex($token);
25
26     $expires = date("U") + 600; // change the 1800 to ten mins time
27
28     require_once 'dbh.inc.php';
29
30     $userEmail = $_POST["email"];
31
32     $sql = "DELETE FROM pwdReset WHERE pwdResetEmail=?";
33     $stmt = mysqli_stmt_init($conn);
34     if (!mysqli_stmt_prepare($stmt, $sql)) {
35         echo "There was an error!";
36         exit();
37     } else {
38         mysqli_stmt_bind_param($stmt, "s", $userEmail);
39         mysqli_stmt_execute($stmt);
40     }
41
42     $sql = "INSERT INTO pwdReset (pwdResetEmail, pwdResetSelector, pwdResetToken, pwdResetExpires) VALUES (?, ?, ?, ?)";
43
44     $stmt = mysqli_stmt_init($conn);
45     if (!mysqli_stmt_prepare($stmt, $sql)) {
46         echo "There was an error!";
47         exit();
48     } else {
49         $hashedToken = password_hash($token, PASSWORD_DEFAULT);
50         mysqli_stmt_bind_param($stmt, "ssss", $userEmail, $selector, $hashedToken, $expires);
51         mysqli_stmt_execute($stmt);
52     }
53
54     mysqli_stmt_close($stmt);
55     mysqli_close($conn);
56
57     //Create an instance; passing 'true' enables exceptions
58     $mail = new PHPMailer(true);
59
60     try {
61         //Server settings
62         // $mail->SMTPDebug = SMTP::DEBUG_SERVER; //Enable verbose debug output
63         $mail->isSMTP(); //Send using SMTP
64         $mail->Host = 'smtp.gmail.com'; //Set the SMTP server to send through
65         $mail->SMTPAuth = true; //Enable SMTP authentication
66         $mail->Username = 'pathfinderlibms@gmail.com'; //SMTP username
67         $mail->Password = $_SERVER["EMAIL_PASSWORD"]; //SMTP password
68         $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS; //Enable implicit TLS encryption
69         $mail->Port = 465; //TCP port to connect to; use 587 if you have set 'SMTPSecure =
70         // PHPMailer::ENCRYPTION_STARTTLS'
71
72         //Recipients
73         $mail->setFrom('pathfinderlibms@gmail.com', 'Pathfinder');
74         $mail->addAddress($userEmail);
75
76         //Content
77         $mail->isHTML(true); //Set email format to HTML
78         $mail->Subject = 'Reset your password';
79         $mail->Body = '<p>We received a password reset request. The link to reset your password is below. If you did not make this request,
80         you can ignore this email. Here is your password reset link: <a href = "' . $url . '"> . $url . '</a><br></p>';
81         $mail->AltBody = 'We received a password reset request. The link to reset your password is below. If you did not make this request, you
82         can ignore this email. Here is your password reset link: ' . $url;
83
84         $mail->send();
85     }
86 }
```

```
81         // echo "Message has been sent";
82         // sleep('1');
83         header("location: ../reset_password.php?reset=success");
84     } catch (Exception $e) {
85         echo "Message could not be sent. Mailer Error: {$mail->ErrorInfo}";
86     }
87
88 } else {
89     header("location: ../index.php");
90 }
```



return-book.inc.php

```
return-book.inc.php X
lms > includes > return-book.inc.php
1 <?php
2
3 include_once 'dbh.inc.php';
4
5 session_start();
6
7 if (!isset($_SESSION["userid"])) {
8     header("location: ../index.php");
9 }
10
11 // check whether link valid
12 if (!isset($_GET["index"]) || !isset($_GET["isbn"])) {
13     header("location: ../index.php");
14 } else {
15     $usersBorrowedBooks = mysqli_fetch_assoc(mysqli_query($conn, "SELECT borrowedBooks FROM users WHERE userId = '" . $_SESSION["userid"] . "'");
16     $borrowedBooksList = explode(">", array_slice(explode(",", $usersBorrowedBooks), 1)[$_GET["index"]]);
17     if (!isset($borrowedBooksList[0] == $_GET["isbn"])) {
18         header("location: ../index.php");
19         exit();
20     } else {
21         $currentDate = strtotime(date("Y-m-d"));
22         $expirydate = strtotime($borrowedBooksList[1]);
23
24         $days = ($expirydate - $currentDate) / 60 / 60 / 24;
25
26         if ($days < 0) {
27             $fine = -($days) * 0.5;
28         }
29     }
30 }
31
32 if (isset($fine)) {
33     $_SESSION["fine"] = "RM " . number_format((float)$fine, 2, '.', '');
34 }
35
36 $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '" . $_GET["isbn"] . "'"));
37 $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"));
38
39 // update the loaned number of the book
40 mysqli_query($conn, "UPDATE books SET booksLoaned = '" . (int)$book["booksLoaned"] - 1 . "' WHERE booksISBN = '" . $_GET["isbn"] . "'");
41
42 $_SESSION["return-book-success-msg"] = "You successfully returned '" . $book["booksTitle"] . "' (" . $book["booksISBN"] . ")";
43
44 // update user borrowed books
45 $usersBorrowedBooks = explode(",", $usersBorrowedBooks);
46 if (count($usersBorrowedBooks) == 2) {
47     mysqli_query($conn, "UPDATE users SET borrowedBooks = '' WHERE userId = '" . $_SESSION["userid"] . "'");
48     mysqli_query($conn, "UPDATE users SET bookQuota = '" . ((int)$user["bookQuota"]) - 1 . "' WHERE userId = '" . $_SESSION["userid"] . "'");
49 } else {
50     $usersBorrowedBooks = array_slice($usersBorrowedBooks, 1);
51     unset($usersBorrowedBooks[$_GET["index"]]);
52     array_values($usersBorrowedBooks);
53     mysqli_query($conn, "UPDATE users SET borrowedBooks = '" . implode(",", $usersBorrowedBooks) . "' WHERE userId = '" . $_SESSION["userid"] . "'");
54 }
55
56 // update user quota
57 mysqli_query($conn, "UPDATE users SET bookQuota = '" . ((int)$user["bookQuota"]) - 1 . "' WHERE userId = '" . $_SESSION["userid"] . "'");
58
59 // now add the returned book to the first member's reservation pick up cart in book reservation queue
60 $reservationQueue = array_slice(explode(",", $book["booksReservedQueue"]), 1);
61 if (!empty($reservationQueue)) {
62     $firstUserInTheQueue = explode(">", $reservationQueue[0])[1];
63     mysqli_query($conn, "UPDATE users SET reservationCart = '" . $user["reservationCart"] . "', " . $_GET["isbn"] . "' WHERE userId = '" . $firstUserInTheQueue . "'");
64
65     // delete the user's reservation record in book reservation queue
66     unset($reservationQueue[0]);
67     array_values($reservationQueue);
68     mysqli_query($conn, "UPDATE books SET booksReservedQueue = '" . count($reservationQueue) == 2 ? ", " . implode(",", $reservationQueue) . "' : '' WHERE booksISBN = '" . $_GET["isbn"] . "'");
69
70     // update the loaned number of the book
71     mysqli_query($conn, "UPDATE books SET booksLoaned = '" . (int)$book["booksLoaned"] + 1 . "' WHERE booksISBN = '" . $_GET["isbn"] . "'");
72 }
73
74 header("location: ../profile.php");
```

signup.inc.php

```
signup.inc.php X
lms > includes > signup.inc.php
1  {?php
2
3  if (isset($_POST['signup'])) {
4
5      $type = $_POST["type"];
6      $username = $_POST["username"];
7      $email = $_POST["email"];
8      $pwd = $_POST["password"];
9      $pwdRepeat = $_POST["confirm-password"];
10
11     require_once 'dbh.inc.php';
12     require_once 'functions.inc.php';
13
14     if (emptyInputSignup($username, $email, $pwd, $pwdRepeat) !== false) {
15         $_SESSION["signup-error"] = "Fill in all fields!";
16         $_SESSION["signup-temp-username"] = $username;
17         $_SESSION["signup-temp-email"] = $email;
18     }
19     if (invalidUsername($username) !== false) {
20         $_SESSION["signup-error"] = "Invalid username!";
21         $_SESSION["signup-temp-email"] = $email;
22     }
23     if (invalidEmail($email) !== false) {
24         $_SESSION["signup-error"] = "Invalid email!";
25         $_SESSION["signup-temp-username"] = $username;
26     }
27     if (pwdDontMatch($pwd, $pwdRepeat) !== false) {
28         $_SESSION["signup-error"] = "Your passwords don't match!";
29         $_SESSION["signup-temp-username"] = $username;
30         $_SESSION["signup-temp-email"] = $email;
31     }
32     if (usernameExists($conn, $username, $email) !== false) {
33         $_SESSION["signup-error"] = "Username or email is taken.";
34     }
35
36     if (isset($_SESSION["signup-error"])) {
37         $_SESSION["temp-type"] = $type;
38         header("location: ../entry/signup.php");
39         exit;
40     } else {
41         createUser($conn, $username, $email, $pwd, $type);
42     }
43
44 } else {
45     header("location: ../index.php");
46     exit;
47 }
48
49
```

accordion.js

```
JS accordion.js X
lms > scripts > JS accordion.js
1  |// hasParent param used for cases when element doesn't have a container/wrapper
2  const accordion = (target, hasParent=true) => {
3    const panelEl = target.nextElementSibling;
4
5    // prevent click during collapsing phase
6    if (panelEl.classList.contains("collapsing")) {
7      return false;
8    }
9
10   const parentEl = hasParent === true? target.parentElement : target;
11
12   parentEl.classList.toggle("active");
13   // remove class 'show' only when an open panel is collapsed
14   if (!parentEl.classList.contains("active")) {
15     panelEl.classList.remove("show");
16   }
17   panelEl.classList.remove("collapse");
18   panelEl.classList.add("collapsing");
19
20   // can't be combined with the previous if statement due to sequece of calling
21   if (!parentEl.classList.contains("active")) {
22     panelEl.style.height = null;
23   } else {
24     panelEl.style.height = panelEl.scrollHeight + "px";
25   }
26
27   // not compatible with IE 9 or older
28   setTimeout((panel, parent) => {
29     panel.classList.remove("collapsing");
30     panel.classList.add("collapse");
31
32     if (parent.classList.contains("active")) {
33       panel.classList.add("show");
34     }
35   }, 225, panelEl, parentEl);
36 }
```

DOM_header.js

```
JS DOM_header.js X
lms > scripts > JS DOM_header.js > ...
1  const hamburger = document.querySelector(".header-container .hamburger");
2  const menu = document.querySelector(".header-nav .btn-icon");
3  const menucontent = document.querySelector(".header-nav .menu-content");
4  const sidebar = document.querySelector(".app-sidebar");
5  menu.addEventListener("click", function(event) {
6      event.preventDefault();
7      menucontent.classList.toggle("show");
8  });
9
10 hamburger.addEventListener("click", function() {
11     this.classList.toggle("is-active");
12     sidebar.classList.toggle("open");
13 });
14
15 const signup_dropdown_menu = document.querySelector("header .menu-content .dropdown-menu");
16 if (signup_dropdown_menu) {
17     signup_dropdown_menu.addEventListener("click", function() {
18         this.classList.toggle("active");
19     });
20 }
21
```

DOM_sidebar.js

```
JS DOM_sidebar.js X
lms > scripts > JS DOM_sidebar.js > ...
1  const scrollbar = document.querySelector('.scrollbar-sidebar');
2  const ps = new PerfectScrollbar(scrollbar);
3
4  const menuExpand = document.getElementsByClassName("menu-expand");
5
6  Array.from(menuExpand).forEach(element => {
7      element.querySelector("a").addEventListener("click", function(event) {
8          // handler prevents the use of return false
9          // so, .preventDefault is implemented instead
10         event.preventDefault();
11         const target = event.currentTarget;
12         accordion(target, true);
13     });
14 });
```

price_input.js

```
JS price_input.js X
lms > scripts > JS price_input.js > ...
1 // JQuery Dependency
2
3 $("input[data-type='currency']").on({
4   keyup: function() {
5     formatCurrency($(this));
6   },
7   blur: function() {
8     formatCurrency($(this), "blur");
9   }
10 });
11
12
13 function formatNumber(n) {
14   // format number 1000000 to 1,234,567
15   return n.replace(/\D/g, "").replace(/B(?=(\d{3})+(?!\d))/g, ",");
16 }
17
18
19 function formatCurrency(input, blur) {
20   // appends $ to value, validates decimal side
21   // and puts cursor back in right position.
22
23   // get input value
24   var input_val = input.val();
25
26   // don't validate empty input
27   if (input_val === "") { return; }
28
29   // original length
30   var original_len = input_val.length;
31
32   // initial caret position
33   var caret_pos = input.prop("selectionStart");
34
35   // check for decimal
36   if (input_val.indexOf(".") >= 0) {
37
38     // get position of first decimal
39     // this prevents multiple decimals from
40     // being entered
41     var decimal_pos = input_val.indexOf(".");
42
43     // split number by decimal point
44     var left_side = input_val.substring(0, decimal_pos);
45     var right_side = input_val.substring(decimal_pos);
46
47     // add commas to left side of number
48     left_side = formatNumber(left_side);
49
50     // validate right side
51     right_side = formatNumber(right_side);
52
53     // On blur make sure 2 numbers after decimal
54     if (blur === "blur") {
55       right_side += "00";
56     }
57
58     // Limit decimal to only 2 digits
59     right_side = right_side.substring(0, 2);
60
61     // join number by .
62     input_val = "$" + left_side + "." + right_side;
63
64   } else {
65     // no decimal entered
66     // add commas to number
67     // remove all non-digits
68     input_val = formatNumber(input_val);
69     input_val = "$" + input_val;
70
71     // final formatting
72     if (blur === "blur") {
73       input_val += ".00";
74     }
75   }
76
77   // send updated string to input
78   input.val(input_val);
79
80   // put caret back in the right position
81   var updated_len = input_val.length;
82   caret_pos = updated_len - original_len + caret_pos;
83   input[0].setSelectionRange(caret_pos, caret_pos);
84 }
```

validation.js

```
JS validation.js X
lms > scripts > JS validation.js > ...

1  const isRequired = value => value !== '' ? true : false;
2  const isBetween = (length, min, max) => length < min || length > max ? false : true;
3  const isEmailValid = (email) => {
4    const re = /^[^()@[\]\|\\.,;:\s@"]+(\.[^()@[\]\|\\.,;:\s@"]+)*|'(.+)'@((\[[0-9]{1,3}\. [0-9]{1,3}\. [0-9]{1,3}\. [0-9]{1,3}\)|([a-zA-Z-0-9]{1,3}\.){1,3})\.[a-zA-Z-0-9]{2,4})$/;
5    return re.test(email);
6  };
7
8  const defaultOptions = [
9    {
10     id: 0,
11     value: "Too weak",
12     minDiversity: 0,
13     minLength: 0
14   },
15   {
16     id: 1,
17     value: "Weak",
18     minDiversity: 2,
19     minLength: 6
20   },
21   {
22     id: 2,
23     value: "Medium",
24     minDiversity: 4,
25     minLength: 8
26   },
27   {
28     id: 3,
29     value: "Strong",
30     minDiversity: 4,
31     minLength: 10
32   }
33 ]
34
35 const escapeRegExp = (string) => string.replace(/[-.*+?^${}()|[\]\\\]/g, '\\$&');
36 const passwordStrength = (password, options = defaultOptions, allowedSymbols="@#%&*") => {
37   let passwordCopy = password || ''
38
39   options[0].minDiversity = 0,
40   options[0].minLength = 0
41
42   const rules = [
43     {
44       regex: "[a-z]",
45       message: 'lowercase'
46     },
47     {
48       regex: "[A-Z]",
49       message: 'uppercase'
50     },
51     {
52       regex: "[0-9]",
53       message: 'number'
54     },
55   ]
56
57   if (allowedSymbols) {
58     rules.push({
59       regex: `[$${escapeRegExp(allowedSymbols)}]`,
60       message: 'symbol'
61     })
62   }
63
64   let strength = {}
65
66   strength.contains = rules
67     .filter(rule => new RegExp(`${rule.regex}`).test(passwordCopy))
68     .map(rule => rule.message)
69
70   strength.length = passwordCopy.length;
71
72   let fulfilledOptions = options
73     .filter(option => strength.contains.length >= option.minDiversity)
74     .filter(option => strength.length >= option.minLength)
75     .sort((o1, o2) => o2.id - o1.id)
76     .map(option => ({id: option.id, value: option.value}))
77
78   Object.assign(strength, fulfilledOptions[0])
79
80   return strength;
81 }
82
```

styled_table.css

```
# styled_table.css X
lms > stylesheets > # styled_table.css > 🚩 .table-wrapper
1  | .table-wrapper {
2    width: 100%;
3    display: flex;
4    justify-content: center;
5  }
6
7  .styled-table {
8    width: 70%;
9    border-collapse: collapse;
10   margin: 25px 0;
11   font-size: 0.9em;
12   font-family: sans-serif;
13   min-width: 400px;
14   box-shadow: 0 0 20px rgba(0, 0, 0, 0.15);
15 }
16
17 .styled-table thead tr {
18   background-color: #009879;
19   color: #ffffff;
20   text-align: left;
21 }
22
23 .styled-table th,
24 .styled-table td {
25   width: calc(100% / 3);
26   padding: 12px 15px;
27 }
28
29 .styled-table tbody tr {
30   border-bottom: 1px solid #dddddd;
31   transition: color 0.3s, background-color 0.3s;
32 }
33
34 .styled-table tbody tr:nth-of-type(even) {
35   background-color: #f3f3f3;
36 }
37
38 .styled-table tbody tr:last-of-type {
39   border-bottom: 2px solid #009879;
40 }
41
42 .styled-table tbody tr.active-row {
43   font-weight: bold;
44   color: #009879;
45 }
46
47 .styled-table tbody tr:hover {
48   background-color: blue;
49   color: white;
50 }
```

sidebar.css

```
# sidebar.css X
lms > stylesheets > # sidebar.css > ↵ .app-sidebar.open
1  .app-sidebar.open {
2    transform: translateX(0);
3  }
4
5  .app-sidebar.fixed {
6    position: fixed;
7    height: 100vh;
8  }
9
10 .app-sidebar.closed {
11   transition: all .3s ease;
12   width: 80px;
13   min-width: 80px;
14   z-index: 2;
15 }
16
17 .app-sidebar.sidebar-shadow {
18   box-shadow: 7px 0 60px rgb(0 0 0 / 5%);
19 }
20
21 /*@media (max-width: 991.98px)*/
22
23 .app-sidebar {
24   background-color: var(--dark);
25   width: 280px;
26   z-index: 11;
27   overflow: hidden;
28   min-width: 280px;
29
30   position: relative;
31   /* margin-top: -60px;
32   padding-top: 60px; */
33   transition: all .2s;
34 }
35
36 .app-sidebar {
37   width: 280px !important;
38   transform: translateX(-280px);
39   position: fixed;
40 }
41
42 .app-sidebar .scrollbar-sidebar {
43   position: relative;
44   width: 100%;
45   top: 0;
46   height: 100%;
47 }
48
49
50 .ps {
51   overflow: hidden !important;
52   overflow-anchor: none;
53   touch-action: auto;
54 }
55
56 .app-sidebar .scrollbar-sidebar > .ps__rail-y {
57   opacity: 1 !important;
58 }
59
60 .sidebar.show {
61   transform: translateX(0);
62 }
63
64 .app-sidebar_inner {
65   margin: 0 0 10rem;
66   padding: 5px 1.5rem;
67   border-top: 1px solid #333333;
68 }
69
70 .app-sidebar_heading {
71   text-transform: uppercase;
72   font-size: .8rem;
73   margin: .75rem 0;
74   font-weight: bold;
75   color: #333333;
76   white-space: nowrap;
77   position: relative;
78 }
79
80 .app-sidebar_inner li:not(.menu-expand, .seperate){
81   position: relative;
82   padding: 20px 0;
83   list-style: none;
84   color: #333333;
```

```

85     text-transform: uppercase;
86     font-weight: bold;
87     cursor: pointer;
88     border-bottom: 1px solid rgba(255, 255, 255, 0.10);
89 }
90
91 /* .app-sidebar_inner li span {
92     display: block;
93     font-size: 14px;
94     color: rgba(255, 255, 255, 0.50);
95 } */
96
97 .app-sidebar_inner li a {
98     padding: 20px 15px;
99     color: #34a0a4;
100     text-transform: uppercase;
101     font-weight: bold;
102     cursor: pointer;
103     text-decoration: none;
104 }
105
106 /*ELEMENT IN
107 SIDEBAR PART
108 WAIT IN PROGRESS*/
109 .vertical-nav-menu {
110     margin: 0;
111     padding: 0;
112     position: relative;
113
114     list-style: none;
115 }
116
117 .vertical-nav-menu > li > a {
118     display: block;
119     position: relative;
120     width: 100%;
121     font-size: 15px;
122 }
123
124 .vertical-nav-menu ul {
125     position: relative;
126     list-style: none;
127     padding: 0 0 0 2rem;
128 }
129
130 .vertical-nav-menu ul.show {
131     padding: 0em 0 0 2rem;
132 }
133
134 .vertical-nav-menu ul.collapsing {
135     overflow: hidden;
136     position: relative;
137     height: 0;
138     transition: height 0.25s;
139 }
140
141 .vertical-nav-menu ul:before {
142     content: '';
143     height: 100%;
144     opacity: 1;
145     width: 3px;
146     background: var(--light);
147     position: absolute;
148     left: 20px;
149     top: 0;
150     border-radius: 15px;
151 }
152
153 .vertical-nav-menu .collapse:not(.show) {
154     display: none;
155 }
156
157 .vertical-nav-menu i.arrow {
158     float: right;
159     margin: 2px 13px 0 0;
160
161     opacity: .6;
162 }
163
164 .vertical-nav-menu .arrow {
165     border: solid white;
166     border-width: 0 3px 3px 0;
167     display: inline-block;
168     padding: 3px;
169 }
170
171 .vertical-nav-menu .down {
172     transform: rotate(45deg);
173     -webkit-transform: rotate(45deg);
174 }
175
176 .vertical-nav-menu li.active > a i.arrow {
177     transform: rotate(-135deg);

```

search_book.css

```
# search_book.css X
lms > stylesheets > # search_book.css > main-content
1  {
2      display: flex;
3      flex-direction: column;
4  }
5  /*
6  @media only screen and (max-width:900px) {
7  }
8
9  @media only screen and (max-width:900px) {
10 } */
11
12 .form-wrapper {
13     margin: 20px 20px 0 20px;
14 }
15
16 .form-inner {
17     position: relative;
18     display: flex;
19     align-items: flex-end;
20 }
21
22 .form-inner > div{
23     padding: 0 10px;
24 }
25
26 .msg {
27     width: 100%;
28     text-align: center;
29 }
30
31 .result-container {
32     margin: 10px 0;
33     width: 100%;
34 }
35
36 .result-inner {
37     display: grid;
38     width: 100%;
39     margin: 0 auto;
40     padding: 5vh 25px;
41     max-width: 1300px;
42     grid-template-columns: repeat(auto-fill, minmax(450px, 1fr));
43     grid-auto-rows: 250px;
44     gap: 3rem;
45     justify-content: center;
46     list-style: none;
47 }
48
49 .lds-container {
50     display: block;
51     justify-self: center;
52     align-self: center;
53 }
54
55 .list-item {
56     width: 100%;
57     height: 100%;
58     flex: 1;
59     display: flex;
60     flex-direction: row;
61     background-color: #e0e1dd;
62     color: #1b263b;
63     border-radius: 10px;
64     margin: 10px auto;
65     padding: 15px;
66 }
67
68 .list-item .book-cover-container {
69     overflow: hidden;
70 }
71
72 .list-item .book-cover-wrapper {
73     width: 100%;
74     height: 100%;
75     display: flex;
76     justify-content: center;
77     align-items: center;
78 }
79
80 .list-item .book-cover {
81     width: 200px;
82 }
83
84 .list-item .content-preview {
```

```

85     flex: 1;
86     height: 100%;
87     display: flex;
88     flex-direction: column;
89     margin-left: 20px;
90 }
91
92
93 .content-preview h3 {
94     margin: 2px 0;
95 }
96
97 .list-item .desc-header {
98     padding: 0;
99     margin: 0;
100 }
101
102 .list-item .show-desc {
103     display: none;
104     width: 140px;
105     height: 40px;
106 }
107
108 .list-item .desc {
109     overflow: auto;
110     position: relative;
111 }
112
113 .list-item .desc.collapsing {
114     overflow: hidden;
115     position: relative;
116     height: 0;
117     transition: height 0.25s;
118 }
119
120 .list-item .controller {
121     flex: 1;
122     display: flex;
123     justify-content: flex-end;
124     align-items: flex-end;
125     padding-top: 20px;
126 }
127
128 .list-item .controller a {
129     font-weight: 600;
130     width: 75px;
131     height: 40px;
132     line-height: 40px;
133     margin: 0 10px;
134     text-align: center;
135     border-radius: 5px;
136     background-color: red;
137     color: white;
138 }
139
140 .pagination {
141     position: relative;
142     text-align: center;
143     font-family: Arial, Helvetica, sans-serif;
144     display: none;
145 }
146
147 .pagination a {
148     display: inline-block;
149     width: 40px;
150     height: 40px;
151     line-height: 40px;
152     text-align: center;
153     font-weight: 600;
154     background-color: #eeeeee;
155     transition: color 0.3s, background-color 0.3s;
156 }
157
158 .pagination a:hover {
159     background-color: green;
160     color: white;
161 }
162
163 .pagination-inner a:first-child:not(#btn-wrapper > a) {
164     width: 50px;
165     padding-left: 10px;
166     border-top-left-radius: 15px;
167     border-bottom-left-radius: 15px;
168 }

```

```

169
170 .pagination-inner a:last-child:not(#btn-wrapper > a) {
171     width: 50px;
172     padding-right: 10px;
173     border-top-right-radius: 15px;
174     border-bottom-right-radius: 15px;
175 }
176
177 .pagination .form-wrapper {
178     display: inline-block;
179     margin-top: 10px;
180 }
181
182 #btn-wrapper {
183     display: inline-block;
184 }
185
186 #btn-wrapper a {
187     margin: 0 2px;
188 }
189
190 #btn-wrapper a.active {
191     background-color: green;
192     color: white;
193 }
194
195 @media only screen and (max-width: 800px) {
196     .form-inner {
197         align-items: unset;
198         flex-direction: column;
199     }
200 }
201
202 @media only screen and (max-width: 600px) {
203     .result-inner {
204         display: flex;
205         flex-direction: column;
206     }
207
208     .list-item {
209         flex-direction: column;
210         height: auto;
211     }
212
213     .list-item .book-cover {
214         margin: 0;
215         margin-bottom: 15px;
216     }
217
218     .list-item .desc-header {
219         display: none;
220     }
221
222     .list-item .show-desc {
223         display: block;
224         margin: 7px 0;
225     }
226
227     .list-item .desc {
228         height: 0;
229         overflow: hidden;
230     }
231 }
232
233 .checkmark {
234     display: inline-block;
235     position: relative;
236     width: 22px;
237     height: 22px;
238     top: 5px;
239     background: green;
240     border-radius: 50%;
241     -ms-transform: rotate(45deg); /* IE 9 */
242     -webkit-transform: rotate(45deg); /* Chrome, Safari, Opera */
243     transform: rotate(45deg);
244 }
245
246 .checkmark:before {
247     content: "";
248     position: absolute;
249     width: 3px;
250     height: 9px;
251     background-color: #fff;
252     left: 11px;

```

```

253     top: 6px;
254 }
255
256 .checkmark:after{
257     content:"";
258     position: absolute;
259     width: 3px;
260     height: 3px;
261     background-color: #fff;
262     left: 8px;
263     top: 12px;
264 }
265
266 .cross {
267     display: inline-block;
268     position: relative;
269     width: 22px;
270     height: 22px;
271     top: 5px;
272     background: red;
273     border-radius: 50%;
274 }
275
276 .cross:before, .cross:after {
277     content: "";
278     position: absolute;
279     width: 3px;
280     height: 12px;
281     left: 10px;
282     top: 5px;
283     background-color: var(--white);
284 }
285
286 .cross:before {
287     transform: rotate(45deg);
288 }
289
290 .cross:after {
291     transform: rotate(-45deg);
292 }
293

```

stylesheets/animation/hamburger.css

lms > stylesheets > animation > # hamburger.css > ...

```
1  /*!
2   * Hamburgers
3   * @description Tasty CSS-animated hamburgers
4   * @author Jonathan Suh @jonsuh
5   * @site https://jonsuh.com/hamburgers
6   * @link https://github.com/jonsuh/hamburgers
7   */
8
9  .hamburger {
10     padding: 15px 15px;
11     display: inline-block;
12     cursor: pointer;
13     transition-property: opacity, filter;
14     transition-duration: 0.15s;
15     transition-timing-function: linear;
16     font: inherit;
17     color: inherit;
18     text-transform: none;
19     background-color: transparent;
20     border: 0;
21     margin: 0;
22     overflow: visible; }
23     .hamburger:hover {
24     opacity: 0.7; }
25     .hamburger.is-active:hover {
26     opacity: 0.7; }
27     .hamburger.is-active .hamburger-inner,
28     .hamburger.is-active .hamburger-inner::before,
29     .hamburger.is-active .hamburger-inner::after {
30     background-color: #000;
31     }
32
33  .hamburger-box {
34     width: 40px;
35     height: 24px;
```

```
36     display: inline-block;
37     position: relative;
38     }
39
40  .hamburger-inner {
41     display: block;
42     top: 50%;
43     margin-top: -2px;
44     }
45
46  .hamburger-inner, .hamburger-inner::before, .hamburger-inner::after {
47     width: 40px;
48     height: 4px;
49     background-color: #000;
50     border-radius: 4px;
51     position: absolute;
52     transition-property: transform;
53     transition-duration: 0.15s;
54     transition-timing-function: ease;
55     }
56
57  .hamburger-inner::before, .hamburger-inner::after {
58     content: "";
59     display: block;
60     }
61
62  .hamburger-inner::before {
63     top: -10px;
64     }
65
66  .hamburger-inner::after {
67     bottom: -10px;
68     }
69
70  .hamburger--elastic .hamburger-inner {
```

```

71     top: 2px;
72     transition-duration: 0.275s;
73     transition-timing-function: cubic-bezier(0.68, -0.55, 0.265, 1.55);
74 }
75
76 .hamburger--elastic .hamburger-inner::before {
77     top: 10px;
78     transition: opacity 0.125s 0.275s ease;
79 }
80
81 .hamburger--elastic .hamburger-inner::after {
82     top: 20px;
83     transition: transform 0.275s cubic-bezier(0.68, -0.55, 0.265, 1.55);
84 }
85
86 .hamburger--elastic.is-active .hamburger-inner {
87     transform: translate3d(0, 10px, 0) rotate(135deg);
88     transition-delay: 0.075s;
89 }
90
91 .hamburger--elastic.is-active .hamburger-inner::before {
92     transition-delay: 0s;
93     opacity: 0;
94 }
95
96 .hamburger--elastic.is-active .hamburger-inner::after {
97     transform: translate3d(0, -20px, 0) rotate(-270deg);
98     transition-delay: 0.075s;
99 }

```

stylesheets/animation/loading.css

```
lms > stylesheets > animation > # loading.css > .lds-ring
1  .lds-ring {
2      display: inline-block;
3      position: relative;
4      width: 80px;
5      height: 80px;
6  }
7
8  .lds-ring div {
9      box-sizing: border-box;
10     display: block;
11     position: absolute;
12     width: 64px;
13     height: 64px;
14     margin: 8px;
15     border: 8px solid #cef;
16     border-radius: 50%;
17     animation: lds-ring 1.2s cubic-bezier(0.5, 0, 0.5, 1) infinite;
18     border-color: #cef transparent transparent transparent;
19 }
20
21 .lds-ring div:nth-child(1) {
22     animation-delay: -0.45s;
23 }
24
25 .lds-ring div:nth-child(2) {
26     animation-delay: -0.3s;
27 }
28
29 .lds-ring div:nth-child(3) {
30     animation-delay: -0.15s;
31 }
32
33 @keyframes lds-ring {
34     0% {
35         transform: rotate(0deg);
36     }
37     100% {
38         transform: rotate(360deg);
39     }
40 }
41
```

stylesheets/about_us.css

```
lms > stylesheets > # about_us.css > .team .container
1  .team .container {
2      width: 100%;
3      padding-top: 25px;
4      padding-right: var(--bs-gutter-x,.75rem);
5      padding-left: var(--bs-gutter-x,.75rem);
6      margin-right: auto;
7      margin-left: auto;
8  }
9
10 .team .section-title {
11     text-align: center;
12     padding-bottom: 30px;
13     font-family: "Open Sans", sans-serif;
14     color: #444444;
15 }
16
17 .team .section-title h2 {
18     font-size: 32px;
19     font-weight: bold;
20     text-transform: uppercase;
21     margin-bottom: 20px;
22     padding-bottom: 0;
23     color: #124265;
24 }
25
26 .team .section-title p {
27     margin-bottom: 0;
28     font-size: 14px;
29     color: #919191;
30 }
31
32 .team .row {
33     --bs-gutter-x: 1.5rem;
34     --bs-gutter-y: 0;
35     display: flex;
36     flex-wrap: wrap;
37     margin-top: calc(var(--bs-gutter-y) * -1);
38     margin-right: calc(var(--bs-gutter-x)/ -2);
39     margin-left: calc(var(--bs-gutter-x)/ -2);
40 }
41
42 .team .row > * {
43     flex-shrink: 0;
44     width: 100%;
45     max-width: 100%;
46     padding-right: calc(var(--bs-gutter-x)/ 2);
47     padding-left: calc(var(--bs-gutter-x)/ 2);
48     margin-top: var(--bs-gutter-y);
49 }
50
51 .team .member-container {
52     display: flex;
53     align-items: stretch;
54 }
55
56 .team .member {
57     margin-bottom: 20px;
58     overflow: hidden;
59     text-align: center;
60     border-radius: 4px;
61     background: #fff;
62     box-shadow: 0px 2px 15px rgb(18 66 101 / 8%);
63 }
64
65 .team .member .member-img {
66     position: relative;
67     overflow: hidden;
68 }
69
70 .img-fluid {
```

```

71     max-width: 100%;
72     height: auto;
73     vertical-align: middle;
74 }
75
76 .team .member .social {
77     position: absolute;
78     left: 0;
79     bottom: 0;
80     right: 0;
81     height: 40px;
82     opacity: 0;
83     transition: ease-in-out 0.3s;
84     text-align: center;
85     background: rgba(255, 255, 255, 0.85);
86     display: inline-flex;
87     align-items: center;
88     justify-content: center;
89 }
90
91 .team .member .social a {
92     transition: color 0.3s;
93     color: #124265;
94     margin: 0 10px;
95     display: inline-block;
96 }
97
98 .team .member .social i {
99     font-size: 18px;
100     margin: 0 2px;
101     line-height: 0;
102 }
103
104 .team .member .member-info {
105     padding: 25px 15px;
106 }
107
108 .team .member .member-info h4 {
109     font-weight: 700;
110     margin-bottom: 5px;
111     font-size: 18px;
112     color: #124265;
113 }
114
115 .team .member .member-info span {
116     display: block;
117     font-size: 13px;
118     font-weight: 400;
119     color: #aaaaaa;
120 }
121
122 @media (min-width: 576px){
123     .team .container {
124         max-width: 540px;
125     }
126 }
127
128 @media (min-width: 768px) {
129     .team .container {
130         max-width: 720px;
131     }
132
133     .team .member-container {
134         flex: 0 0 auto;
135         width: 50%;
136     }
137 }
138
139 @media (min-width: 992px) {
140     .team .container {
141         max-width: 960px;
142     }
143 }

```

stylesheets/add_books.css

```
lms > stylesheets > # add_books.css > .main-content
1  .main-content {
2      padding: 1.5rem 15rem;
3  }
4
5  .main-content .title {
6      background: #43D1AF;
7      padding: 20px 0;
8      font-size: 140%;
9      font-weight: 300;
10     text-align: center;
11     color: #fff;
12     margin: 0;
13     border-radius: 10px 10px 0 0;
14 }
15
16 .book-info{
17     /* max-width: 500px; */
18     padding: 10px 20px;
19     background: #f4f7f8;
20     margin: 0;
21     padding: 20px;
22     background: #f4f7f8;
23     border-radius: 0 0 10px 10px;
24     font-family: Georgia, "Times New Roman", Times, serif;
25 }
26
27 .book-info .text-center {
28     text-align: center;
29 }
30
31 .book-info .flex-container {
32     display: flex;
33 }
34
35 .book-info .row {
36     flex-direction: row;
37 }
38
39 .book-info .column {
40     flex-direction: column;
41 }
42
43 .book-info fieldset {
44     width: 50%;
45 }
46 .book-info .form-field {
47     margin: 15px;
48 }
49
50 /* .book-info .upper-column .form-field {
51     width
52 }
53
54 .book-info .lower-column .area{
55 } */
56
57 .book-info fieldset{
58     border: none;
59 }
60
61 .book-info legend {
62     font-size: 1.4em;
63     margin-bottom: 10px;
64 }
65
66 .book-info label {
67     display: block;
68     margin-bottom: 8px;
69 }
70
```

```

71 input[type=number]::-webkit-inner-spin-button,
72 input[type=number]::-webkit-outer-spin-button {
73     -webkit-appearance: none;
74     margin: 0;
75 }
76
77 .book-info input, .book-info textarea, .book-info select {
78     font-family: Georgia, "Times New Roman", Times, serif;
79     background: □ rgba(255,255,255,.1);
80     border: none;
81     border-radius: 4px;
82     font-size: 15px;
83     margin: 0;
84     outline: 0;
85     padding: 10px;
86     width: 100%;
87     box-sizing: border-box;
88     -webkit-box-sizing: border-box;
89     -moz-box-sizing: border-box;
90     background-color: ■ #e8eeef;
91     color: ■ #8a97a0;
92     -webkit-box-shadow: 0 1px 0 □ rgba(0,0,0,0.03) inset;
93     box-shadow: 0 1px 0 □ rgba(0,0,0,0.03) inset;
94     margin-bottom: 30px;
95 }
96
97 .book-info textarea {
98     height: 150px;
99 }
100
101 .book-info input:focus, .book-info textarea:focus, .book-info select:focus {
102     background: ■ #d2d9dd;
103 }
104
105 .book-info select {
106     -webkit-appearance: menu-list-button;
107     height: 35px;
108 }
109
110
111 .book-info button[type="submit"], .book-info input[type="button"]
112 {
113     position: relative;
114     display: block;
115     padding: 19px 39px 18px 39px;
116     color: ■ #ffff;
117     margin: 0 auto;
118     background: ■ #1abc9c;
119     font-size: 18px;
120     text-align: center;
121     font-style: normal;
122     width: 100%;
123     border: 1px solid ■ #16a085;
124     border-width: 1px 1px 3px;
125     border-radius: 15px;
126     margin-bottom: 10px;
127 }
128
129 .book-info button[type="submit"]:hover,
130 .book-info input[type="button"]:hover
131 {
132     background: ■ #109177;
133 }
134
135 input#file {
136     display: inline-block;
137     width: 100px;
138     padding: 80px 0 0 0;
139     height: 10px;
140     overflow: hidden;

```

```
141 -webkit-box-sizing: border-box;
142 -moz-box-sizing: border-box;
143 box-sizing: border-box;
144 background: url('https://cdn1.iconfinder.com/data/icons/hawcons/32/698394-icon-130-cloud-upload-512.png') center center no-repe
145 border-radius: 20px;
146 background-size: 60px 60px;
147 }
148
149 @media only screen and (max-width:1125px) {
150   .main-content {
151     padding: 1.5rem 10rem;
152   }
153 }
154
155 @media only screen and (max-width:900px) {
156   .main-content {
157     padding: 1.5rem 5rem;
158   }
159 }
160
161 @media only screen and (max-width:700px) {
162   .main-content {
163     padding: 1.5rem 10px;
164   }
165 }
```


stylesheets/admin.css

```
lms > stylesheets > # admin.css > .main-content
1 .main-content {
2   margin: 0 30px;
3   padding: 10px 0 0 0;
4 }
```

stylesheets/alert.css

```
lms > stylesheets > # alert.css > .alert-success
1 .alert-success {
2   color: #155724;
3   background-color: #d4edda;
4   border-color: #c3e6cb;
5 }
6
7 .alert-danger {
8   color: #721c24;
9   background-color: #f8d7da;
10  border-color: #f5c6cb;
11 }
12
13 .alert {
14   position: relative;
15   padding: .75rem 1.25rem;
16   margin-bottom: 1rem;
17   border: 1px solid transparent;
18   border-radius: .25rem;
19 }
20
```

Stylesheets/book.css

```
lms > stylesheets > # book.css >  .main-content
1  .main-content {
2      padding: 2rem 15rem;
3  }
4
5  .main-content .content-wrapper {
6      background-color: #e0e1dd;
7      padding: 20px;
8      border-radius: 5px;
9      font-size: 20px;
10 }
11
12 .book-cover-container {
13     text-align: center;
14     margin-bottom: 20px;
15 }
16
17 .book-cover {
18     width: 400px;
19 }
20
21 .main-content .data {
22     margin: 10px 0;
23 }
24
25 @media only screen and (max-width: 1100px) {
26     .main-content {
27         padding: 2rem 5rem;
28         font-size: 20px;
29     }
30 }
31
32 @media only screen and (max-width: 800px) {
33     .main-content {
34         padding: 2rem 2rem;
35         font-size: 17px;
36     }
37
38     .book-cover {
39         width: 300px;
40     }
41 }
42
43 @media only screen and (max-width: 500px) {
44     .main-content {
45         padding: 2rem 1rem;
46         font-size: 15px;
47     }
48
49     .book-cover {
50         width: 200px;
51     }
52 }
53
54 a.styled-button {
55     color: black;
56     text-decoration: underline;
57     margin: 15px 0;
58     transition: color 0.35s;
59 }
60
61 a.styled-button:hover {
62     color: blue;
63 }
```

stylesheets/feedback.css

```
lms > stylesheets > # feedback.css > .page-wrapper
1  .page-wrapper {
2    background-color: lightslategray;
3  }
4
5  .form-wrapper {
6    padding-top: 50px;
7    font-family: Arial, Helvetica, sans-serif;
8  }
9
10 .feedback-form {
11   margin: 0 22vw;
12   background-color: mediumaquamarine;
13   border-radius: 15px;
14   overflow: hidden;
15 }
16
17 .title-container {
18   font-size: 35px;
19   background-color: white;
20   width: 100%;
21   padding: 30px 40px;
22 }
23
24 .title-container > h4 {
25   margin: 0;
26   padding: 0;
27 }
28
29 form {
30   font-size: 20px;
31   padding: 20px 50px 0 50px;
32 }
33
34
35 .feedback-form fieldset {
36   padding: 0;
37   margin: 10px 0;
38   border: 0;
39   display: flex;
40   flex-direction: row;
41 }
42
43
44 input[type="text"], input[type="email"], textarea {
45   font-size: 15px;
46   padding: 10px;
47   border-radius: 5px;
48   border-color: #dddddd;
49 }
50
51
52 .form-field_name > .form-field{
53   display: flex;
54   flex-direction: column;
55   margin: 10px 20px 10px 0;
56   width: 40%;
57 }
58
59 .form-field_name > .form-field label{
60   margin-top: 10px;
61   font-size: 12px;
62   /* color: lightgray; */
63 }
64
65 .form-field {
66   margin: 20px 0;
67 }
68
69 .emoji-wrapper {
70   display: flex;
```

```

71     margin: 10px auto;
72     flex-direction: row;
73     justify-content: center;
74     align-items: center;
75     width: 230px;
76     height: 65px;
77     background-color: #449988;
78     padding: 5px 15px;
79     border-radius: 30px;
80 }
81
82 .emoji-container {
83     display: block;
84     cursor: pointer;
85     position: relative;
86     -webkit-user-select: none;
87     -moz-user-select: none;
88     -ms-user-select: none;
89     user-select: none;
90 }
91
92 .emoji-container input {
93     position: absolute;
94     height: 0;
95     width: 0;
96     opacity: 0;
97     cursor: pointer;
98 }
99
100 .emoji-container input + i {
101     font-size: 40px;
102     color: white;
103     margin: 0 10px;
104     transition: color 0.2s, transform 0.4s;
105 }
106
107 .emoji-wrapper input[class="sad"]:hover + i,
108 .emoji-wrapper input[class="sad"]:focus + i,
109 .emoji-wrapper input[class="sad"]:checked + i {
110     color: #ff0000;
111 }
112
113 .emoji-wrapper input[class="average"]:hover + i,
114 .emoji-wrapper input[class="average"]:focus + i,
115 .emoji-wrapper input[class="average"]:checked + i {
116     color: #ffa500;
117 }
118
119 .emoji-wrapper input[class="happy"]:hover + i,
120 .emoji-wrapper input[class="happy"]:focus + i,
121 .emoji-wrapper input[class="happy"]:checked + i {
122     color: #00ff00;
123 }
124
125 .emoji-wrapper input:hover + i {
126     transform: translate(0, -8px);
127 }
128
129 .feedback-form .textarea-field {
130     display: flex;
131     flex-direction: column;
132 }
133
134 .feedback-form .textarea-field textarea {
135     padding: 5px 10px;
136     border-radius: 5px;
137     font-size: 15px;
138 }
139
140 .submit-wrapper {

```

```

141     margin-top: 10px;
142     position: relative;
143     width: 100%;
144     height: 100px;
145     border-top: 2px solid #fff;
146 }
147
148 .form-submit {
149     position: absolute;
150     left: 50%;
151     top: 50%;
152     transform: translate(-50%, -50%);
153     display: block;
154     padding: 19px 18px;
155     color: #fff;
156     margin: 0 auto;
157     background: #1abc9c;
158     font-size: 20px;
159     text-align: center;
160     font-style: normal;
161     width: 200px;
162     border: 1px solid #16a085;
163     border-width: 1px 1px 3px;
164     border-radius: 15px;
165     margin-bottom: 10px;
166 }
167
168 .form-submit:hover {
169     background: #109177;
170 }

```

stylesheets/footer.css

lms > stylesheets > # footer.css > footer

```
1  footer {
2      position: relative;
3      background: #303036;
4      color: #d3d3d3;
5      bottom: 0px;
6      width: 100%;
7  }
8
9  .footer_content{
10     display: flex;
11     justify-content: space-evenly;
12     margin-bottom: 30px;
13     padding: 20px;
14 }
15
16 .footer_content > div {
17     padding: 10px 20px;
18     margin: 10px 0;
19     width: 400px;
20 }
21
22 .footer_content h4{
23     margin: 0;
24     font-size: 1.125rem;
25     font-weight: 600;
26     text-transform: uppercase;
27 }
28
29 .about-us .content-wrapper{
30     margin: 10px 0;
31 }
32
33 /* .left .content p{
34     text-align: justify;
35 } */
36
37 .footer_content .social-links{
38     margin: 20px 0px 0px 0px;
39 }
40
41 .footer_content .social-links a{
42     padding: 0px 5px;
43 }
44
45 .footer_content .social-links a span{
46     height: 35px;
47     width: 35px;
48     color: #f1f1f1;
49     background-color: #1a1a1a;
50     line-height: 35px;
51     text-align: center;
52     font-size: 20px;
53     border-radius: 5px;
54
55     transition: transform 0.3s;
56 }
57
58 .footer_content .social-links a span:hover {
59     color: #1a1a1a;
60     background-color: #f1f1f1;
61     transform: translate(0, -5px)
62 }
63
64 @media (max-width: 1000px) {
65     .footer_content {
66         flex-direction: column;
67         align-items: center;
68     }
69 }
70
```

```
71 .operating-hours .timetable {  
72     width: 100%;  
73 }  
74  
75 .operating-hours .timetable th,  
76 .operating-hours .timetable td {  
77     color: #d3d3d3;  
78     text-align: center;  
79 }  
80  
81  
82 .footer_bottom {  
83     text-align: center;  
84     left: 0;  
85     bottom: 0;  
86     width: 100%;  
87     height: 35px;  
88     position: relative;  
89 }  
90  
91  
92  
93
```

stylesheets/header.css

```
lms > stylesheets > # header.css > ...
1  @import url('https://fonts.googleapis.com/css2?family=Pacifico&display=swap');
2
3  :root {
4      --blue: #007bff;
5      --indigo: #6610f2;
6      --purple: #6f42c1;
7      --pink: #e83e8c;
8      --red: #dc3545;
9      --orange: #fd7e14;
10     --yellow: #ffc107;
11     --green: #28a745;
12     --teal: #20c997;
13     --cyan: #17a2b8;
14     --white: #fff;
15     --gray: #6c757d;
16     --gray-dark: #343a40;
17     --primary: #3f6ad8;
18     --secondary: #6c757d;
19     --success: #3ac47d;
20     --info: #16aaff;
21     --warning: #ffb924;
22     --danger: #d92550;
23     --focus: #444054;
24     --alternate: #794c8a;
25     --dark: #303036;
26     --light: #d3d3d3;
27 }
28
29 * {
30     box-sizing: border-box;
31 }
32
33 body {
34     position: relative;
35     margin: 0;
36     padding: 0;
37 }
38
39 a:hover, a:visited, a:link, a:active {
40     color: inherit;
41     text-decoration: none;
42 }
43
44 header {
45     width: 100%;
46     min-height: 85px;
47     position: fixed;
48     top: 0;
49     z-index: 3;
50
51     color: var(--light);
52     background-color: var(--dark);
53 }
54
55 .header-container {
56     padding-top: 10px;
57     padding-bottom: 10px;
58
59     width: 100%;
60     min-height: 100%;
61     display: flex;
62     flex-direction: row;
63     justify-content: space-between;
64     align-self: center;
65 }
66
67 .header-container .left {
68     display: flex;
69     flex-direction: row;
70 }
```

```

71
72 .hamburger-inner, .hamburger-inner::before, .hamburger-inner::after {
73     background-color: var(--light) !important;
74 }
75
76 .hamburger {
77     order: 1;
78 }
79
80 .logo-container {
81     order: 2;
82     margin-left: 10px;
83     display: flex;
84     flex-direction: row;
85     background-color: white;
86     padding-left: 10px;
87     padding-right: 10px;
88     border-radius: 20px;
89 }
90
91 .logo-container img {
92     margin: 4px auto;
93     width: 50px;
94     height: 50px;
95     border-radius: 50%;
96 }
97
98 .logo-container h3 {
99     padding-top: 8px;
100     margin: 0;
101     font-family: 'Pacifico', sans-serif;
102     font-weight: 300;
103     font-size: 25px;
104     color: var(--dark);
105 }
106
107 .header-nav {
108     position: relative;
109     float: left;
110     display: flex;
111     flex-direction: row;
112     align-items: center;
113 }
114
115 .header-nav .menu {
116     cursor: pointer;
117     display: none;
118     align-self: center;
119     margin-right: 30px;
120 }
121
122 .menu .btn-icon {
123     cursor: pointer;
124     padding: 20px 10px 10px;
125     background-color: var(--light);
126     border-radius: 5px;
127 }
128
129 .menu .btn-icon-wrapper i {
130     color: var(--dark);
131     font-size: 30px;
132 }
133
134 .header-nav .menu-content {
135     cursor: pointer;
136     background-color: var(--dark);
137     position: relative;
138     display: flex;
139     flex-direction: row;
140 }

```

```

141
142 .header-nav .menu-content li{
143     padding-right: 20px;
144     list-style: none;
145     font-size: 20px;
146 }
147
148 .header-nav .dropdown-menu .collapse {
149     position: fixed;
150     /* bottom: 0;
151     margin-top: 200px; */
152     background-color: var(--light);
153     color: var(--dark);
154     display: none;
155 }
156
157 .header-nav .dropdown-menu.active .collapse {
158     display: block;
159 }
160
161 @media only screen and (max-width:810px) {
162     .hamburger {
163         order: 2;
164     }
165
166     .logo-container {
167         order: 1;
168     }
169
170     .header-nav .menu {
171         display: block;
172     }
173
174     .header-nav .menu-content {
175         display: none;
176
177         padding: 15px 0px 15px 20px;
178         position: absolute;
179         left: -330px;
180         right: 26px;
181         top: 65px;
182         border-radius: 10px;
183         border: 2px solid white;
184     }
185
186     .header-nav .menu-content.show {
187         display: flex;
188     }
189 }
190
191 .page-wrapper {
192     margin-top: 85px;
193     position: relative;
194     min-height: 100vh;
195     padding-bottom: 100px;
196 }

```

stylesheets/homepage.css

```
lms > stylesheets > # homepage.css > welcome
1  .welcome {
2      display: block;
3      text-align: center;
4      padding: 20px 0 10px 0;
5  }
6
7  p {
8      display: block;
9      margin-block-start: 0;
10     margin-block-end: 0;
11     margin-inline-start: 0;
12     margin-inline-end: 0;
13 }
14
15 .main-content {
16     display: flex;
17     flex-direction: column;
18 }
19
20 .content {
21     width: 100%;
22     position: relative;
23 }
24
25 .search-form-background {
26     display: block;
27     width: 100%;
28     text-align: center;
29 }
30
31 #search-form {
32     position: absolute;
33     display: flex;
34     flex-direction: row;
35     justify-content: center;
36     width: 40%;
37     min-width: 300px;
38     height: 150px;
39     padding: 20px;
40     border-radius: 5px;
41     background-color: rgba(0, 0, 0, 0.5);
42     top: 50%;
43     left: 50%;
44     transform: translate(-50%, -50%);
45 }
46
47 #search-form .form-field {
48     display: flex;
49     position: relative;
50     width: 70%;
51 }
52
53 #searchValue {
54     align-self: center;
55     width: 100%;
56     padding: 10px;
57     border-radius: 5px;
58 }
59
60 #search-form .respond {
61     color: white;
62     font-size: 15px;
63     position: absolute;
64     right: 0;
65     bottom: 5px;
66     visibility: 1;
67     opacity: 1;
68     transition: right 1s, visibility 1s, opacity 1s;
69 }
70
```

```

71 #search-form .respond:empty {
72     right: -70px;
73     visibility: 0;
74     opacity: 0;
75 }
76
77 .search-submit {
78     all: unset;
79     cursor: pointer;
80 }
81
82 #search-form .fas {
83     margin-left: 20px;
84     color: white;
85     font-size: 40pt;
86 }
87
88 @media only screen and (max-width: 800px) {
89     #search-form {
90         height: 100px;
91     }
92 }
93
94 .warning {
95     color: red;
96     text-align: center;
97 }
98
99 .events .content-wrapper {
100     display: flex;
101     justify-content: space-between;
102     width: 100%;
103     padding: 10px 1.5rem;
104 }
105
106 .recent-news {
107     flex-basis: calc(100% / 3 * 2);
108     border: 3px solid black;
109     background-color: var(--white);
110     padding: 10px;
111 }
112
113 .news_title {
114     position: relative;
115     display: flex;
116     justify-content: space-between;
117     align-items: center;
118     padding: 0 30px;
119 }
120
121
122 .news_content {
123     position: relative;
124     display: flex;
125 }
126
127 .recent-news .description {
128     background-color: rgba(108, 117, 125, 0.1);
129     padding: 6px;
130 }
131
132 .recent-news .description h3 {
133     margin: 3px 0;
134 }
135
136
137 .recent-news .main_content {
138     flex-basis: 60%;
139     margin: 10px;
140 }

```

```

141
142 .recent-news .main_content img {
143     width: 200px;
144     height: 200px;
145 }
146
147 .recent-news .sub_content > div {
148     flex-basis: 40%;
149     display: flex;
150     align-items: center;
151     margin: 10px 0;
152 }
153
154 .recent-news .sub_content img {
155     width: 100px;
156     height: 100px;
157     border: 2px solid black;
158 }
159
160 .upcoming-events {
161     padding: 0 10px;
162     border: 3px solid black;
163 }
164
165 .events_title {
166     position: relative;
167 }
168
169
170 .events_content > div {
171     display: flex;
172     flex-direction: column;
173     border-bottom: 2px solid black;
174     margin: 10px 0;
175     padding: 5px 0;
176 }
177
178 .events_content h4 {
179     margin: 5px 0;
180 }
181
182 @media only screen and (max-width: 1000px) {
183     .events .content-wrapper {
184         display: flex;
185         flex-direction: column;
186     }
187
188     .upcoming-events {
189         margin-top: 50px;
190     }
191 }
192
193 /* Carousel */
194 .recent-books {
195     display: flex;
196     flex-direction: column;
197     background-color: var(--white);
198     padding: 0 1.5rem;
199 }
200
201 .recent-books .title-description h2 {
202     font-style: normal;
203     font-variant-ligatures: normal;
204     font-variant-caps: normal;
205     font-variant-numeric: normal;
206     font-variant-east-asian: normal;
207     font-weight: bold;
208     font-stretch: normal;
209     text-align: center;
210     margin-bottom: 5px;

```

```

211     font-size: 40px;
212     font-family: "Helvetica";
213 }
214
215 .recent-books .title-description p {
216     text-align: center;
217     font-size: medium;
218     color: #919191;
219     font-family: "Helvetica";
220 }
221
222 .carousel {
223     background-color: rgba(255, 255, 255, 0.5);
224     margin-top: 10px;
225 }
226
227 .carousel-wrapper {
228     display: flex;
229     justify-content: center;
230 }
231
232 .slide-arrow {
233     top: 50%;
234     position: absolute;
235     margin: 0;
236     padding: 0;
237     background: none;
238     border: none;
239     border-radius: 0;
240     outline: none;
241     -webkit-appearance: none;
242     -moz-appearance: none;
243     appearance: none;
244 }
245

```

```

247     font-size: 40pt;
248     position: absolute;
249     left: 0;
250     top: 50%;
251     transform: translateY(-50%);
252 }
253
254 .next-arrow{
255     font-size: 40pt;
256     position: absolute;
257     right: 0;
258     top: 50%;
259     transform: translateY(-50%);
260 }
261
262 .slider {
263     width: 100%;
264     max-width: 690px;
265     padding: 0 50px;
266 }
267
268 .slick-slide > div {
269     margin: 10px;
270     height: 100%;
271 }
272
273 .slide-item {
274     width: 250px;
275     height: 100%;
276 }
277
278 .slide-item .image-container{
279     height: 100%;
280     display: flex;
281     justify-content: center;

```

```

282     align-items: center;
283 }
284
285 .slide-item img {
286     width: calc(100% / 2);
287 }
288
289 .slide-item > div{
290     margin: auto;
291 }
292 }
293
294 .slick-dots {
295     right: 50%;
296     transform: translateX(50%);
297 }
298
299 /* slogan */
300 .slogan {
301     position: relative;
302     width: 100%;
303     margin: 0px;
304 }
305
306 .slogan img {
307     width: 100%;
308 }
309
310 .slogan h1 {
311     position: absolute;
312     top: 50%;
313     left: 50%;
314     transform: translate(-50%, -50%) ;
315     padding: 50px;
316     background-color: #8b734d;
317     border-radius: 30px;
318     color: white;
319     text-align: center;
320 }
321
322 @media only screen and (max-width: 600px) {
323     .slogan h1 {
324         font-size: 20px;
325     }
326 }

```

stylesheets/notification.css

```
1 .box::-webkit-scrollbar-track {
2     -webkit-box-shadow: inset 0 0 6px rgba(0,0,0,0.3);
3     background-color: #F5F5F5;
4     border-radius: 5px;
5 }
6
7 .box::-webkit-scrollbar {
8     width: 10px;
9     background-color: #F5F5F5;
10    border-radius: 5px;
11 }
12
13 .box::-webkit-scrollbar-thumb {
14     background-color: black;
15     border: 2px solid black;
16     border-radius: 5px;
17 }
18
19 .notification {
20     padding-bottom: 0;
21     margin-bottom: 0;
22     position: relative;
23     display: inline-block;
24 }
25
26 .number {
27     font-size: small;
28     height: 22px;
29     width: 22px;
30     line-height: 20px;
31     background-color: #d63031;
32     border-radius: 20px;
33     color: white;
34     text-align: center;
35     position: absolute;
36     top: -6px;
37     left: 39px;
38     border-style: solid;
39     border-width: 2px;
40 }
41
42 .number:empty {
43     display: none;
44 }
45
46 .notBtn {
47     transition: 0.5s;
48     cursor: pointer;
49 }
50
51 .notification .fas {
52     font-size: 25pt;
53     color: white;
54     margin-right: 20px;
55     margin-left: 20px;
56 }
57
58 .box {
59     width: 400px;
60     height: 0px;
61     border-radius: 10px;
62     transition: 0.5s;
63     position: absolute;
64     overflow-y: scroll;
65     padding: 0px;
66     left: -350px;
67     margin-top: 5px;
68     background-color: #F4F4F4;
69     -webkit-box-shadow: 10px 10px 23px 0px rgba(0,0,0,0.2);
70     -moz-box-shadow: 10px 10px 23px 0px rgba(0,0,0,0.1);
```

```

71     box-shadow: 10px 10px 23px 0px rgba(0,0,0,0.1);
72     cursor: context-menu;
73 }
74
75 .notification .fas:hover {
76     color: #d63031;
77 }
78
79 .notBtn:hover > .box {
80     height: 60vh
81 }
82
83 .notification .content {
84     padding: 20px;
85     color: black;
86     vertical-align: middle;
87     text-align: left;
88 }
89
90 .gry {
91     background-color: #F4F4F4;
92 }
93
94 .top {
95     color: black;
96     padding: 10px
97 }
98
99 .display {
100     position: relative;
101 }
102
103 .nothing {
104     position: absolute;
105     top: 0;
106     width: 100%;
107     height: 100%;
108     color: black;
109     background-color: #F4F4F4;
110 }
111
112 .nothing .fas {
113     text-align: center;
114     color: black !important;
115     display: block;
116     font-size: 50pt;
117     padding-top: 70px;
118     padding-left: 80px;
119     transition: color 1s;
120 }
121
122 .cont {
123     position: absolute;
124     top: 0;
125     width: 100%;
126     height: 100%;
127     color: black;
128     background-color: #F4F4F4;
129 }
130
131 .cont:empty {
132     display: none;
133 }
134
135 .cent {
136     text-align: center;
137     display: block;
138 }
139
140 .sec {
141     position: relative;

```

```

142     padding: 25px 10px;
143     background-color: #F4F4F4;
144     transition: 0.5s;
145 }
146
147 .txt {
148     vertical-align: top;
149     font-size: 1.25rem;
150     padding: 5px 10px 0px 5;
151 }
152
153 .sub {
154     font-size: 1rem;
155     color: grey;
156     position: absolute;
157     right: 5px;
158     bottom: 5px;
159 }
160
161 .new {
162     border-style: none none solid none;
163     border-color: red;
164 }
165
166 .sec:hover {
167     background-color: #8FBFBF;
168 }

```

stylesheets/profile.css

```
lms > stylesheets > # profile.css > .main-content
1  .main-content {
2      padding: 10px;
3  }
4
5  .styled-table .col_name,
6  .styled-table .col_isbn,
7  .styled-table .col_expiry {
8      width: calc(80% / 3);
9      padding: 12px 15px;
10 }
11
12 .styled-table .col_status,
13 .styled-table .col_command {
14     width: calc(20% / 2);
15     padding: 12px 15px;
16 }
17
18
19 .modal-box {
20     display: none;
21     z-index: 10;
22     position: fixed;
23     left: 0;
24     top: 0;
25     width: 100%;
26     height: 100%;
27     overflow: auto;
28     background-color: rgba(0,0,0);
29     background-color: rgba(0,0,0,0.4);
30     -webkit-animation-name: fadeIn;
31     -webkit-animation-duration: 0.4s;
32     animation-name: fadeIn;
33     animation-duration: 0.4s
34 }
35
36 .modal-content {
37     display: flex;
38     background-color: #fefefe;
39     margin: 100px auto;
40     padding: 20px;
41     border: 1px solid #888;
42     border-radius: 5px;
43     width: 80%;
44     -webkit-animation-name: slideIn;
45     -webkit-animation-duration: 0.4s;
46     animation-name: slideIn;
47     animation-duration: 0.4s
48 }
49
50 .book-cover-container {
51     height: 100%;
52     width: 200px;
53     align-self: center;
54     padding-right: 15px;
55     overflow: hidden;
56 }
57
58 .book-cover {
59     vertical-align: middle;
60     width: 100%;
61 }
62
63 .modal-content .right {
64     flex: 1;
65     position: relative;
66     padding-left: 15px;
67     padding-bottom: 100px;
68     border-left: 1px solid black;
69 }
70
```

```

71 .modal-content .note {
72     position: absolute;
73     bottom: 50px;
74     left: 15px;
75     margin: 0;
76 }
77
78 .modal-content .modal-close {
79     position: absolute;
80     height: 40px;
81     width: 80px;
82     right: 100px;
83     bottom: 0;
84     text-align: center;
85     font-style: normal;
86     background-color: #ff0000;
87     color: white;
88     border: 1px solid #a01685;
89     border-width: 1px 1px 3px;
90     border-radius: 5px;
91
92 }
93
94 .modal-content .modal-confirm {
95     position: absolute;
96     height: 40px;
97     width: 80px;
98
99     right: 0;
100    bottom: 0;
101    text-align: center;
102    font-style: normal;
103    background-color: #00ff00;
104    color: white;
105    border: 1px solid #16a085;
106
107    border-width: 1px 1px 3px;
108    border-radius: 5px;
109 }
110
111 @-webkit-keyframes slideIn {
112     from {bottom: -300px; opacity: 0}
113     to {bottom: 0; opacity: 1}
114 }
115
116 @keyframes slideIn {
117     from {bottom: -300px; opacity: 0}
118     to {bottom: 0; opacity: 1}
119 }
120
121 @-webkit-keyframes fadeIn {
122     from {opacity: 0}
123     to {opacity: 1}
124 }
125
126 @keyframes fadeIn {
127     from {opacity: 0}
128     to {opacity: 1}
129 }
130
131

```

entry/login.php

```

lms > entry > login.php
1  <?php
2      session_start();
3      if (isset($_SESSION["userid"])) {
4          header("location: ../index.php");
5          exit;
6      }
7  ?>
8
9  <!DOCTYPE html>
10 <html lang="en">
11 <head>
12     <title>Login to Pathfinder</title>
13     <meta charset="UTF-8">
14     <meta name="viewport" content="width=device-width, initial-scale=1">
15     <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
16     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KyZXEAg"
17     <script src="https://kit.fontawesome.com/7f15b6993d.js" crossorigin="anonymous"></script>
18     <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css">
19     <link rel="stylesheet" type="text/css" href="vendor/css-hamburgers/hamburgers.min.css">
20     <link href="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/css/select2.min.css" rel="stylesheet" />
21     <link rel="stylesheet" type="text/css" href="css/util.css">
22     <link rel="stylesheet" type="text/css" href="css/main.css">
23 </head>
24 <body>
25     <div class="limiter">
26         <div class="container-login100">
27             <div class="wrap-login100">
28                 <div class="login100-pic js-tilt" data-tilt>
29                     <a href=".."></a>
30                     Yok Bin Library
31                 </div>
32
33                 <form class="login100-form validate-form" method="POST" action="..">
34                     <span class="login100-form-title">Login</span>
35
36                     <!-- notices -->
37                     <?php
38                         if (isset($_SESSION["login-error"])) {
39                             echo '<div class="alert alert-success" role="alert">' . $_SESSION["login-error"] . '</div>';
40                         }
41                         unset($_SESSION["login-error"]);
42                     ?>
43
44                     <div class="wrap-input100 validate-input" data-validate="Required">
45                         <input class="input100" type="text" name="username" placeholder="Username/Email">
46                         <span class="focus-input100"></span>
47                         <span class="symbol-input100">
48                             <i class="fa fa-envelope" aria-hidden="true"></i>
49                         </span>
50                     </div>
51
52                     <div class="wrap-input100 validate-input" data-validate="Required">
53                         <input class="input100" type="password" name="password" placeholder="Password">
54                         <span class="focus-input100"></span>
55                         <span class="symbol-input100">
56                             <i class="fa fa-lock" aria-hidden="true"></i>
57                         </span>
58                     </div>
59
60                     <div class="container-login100-form-btn">
61                         <button class="login100-form-btn" name="login" type="submit">Login</button>
62                     </div>
63
64                     <div class="text-center p-t-12">
65                         <span class="txt1">Forgot</span>
66                         <a class="txt2" href="..">Password</a>
67                         <span class="txt1">></span>
68                     </div>

```

```

69
70     <div class="text-center p-t-136">
71         <a class="txt2" href="signup.php">
72             Sign up
73             <i class="fa fa-long-arrow-right m-l-5" aria-hidden="true"></i>
74         </a>
75     </div>
76 </form>
77 </div>
78 </div>
79 </div>
80
81 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
82 <script src="https://unpkg.com/@popperjs/core@2"></script>
83 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
84 <script src="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/js/select2.min.js"></script>
85 <script src="vendor/tilt/tilt.jquery.min.js"></script>
86 <script >
87     $('[js-tilt]').tilt({
88         scale: 1.1
89     })
90 </script>
91 <script src="js/main.js"></script>
92
93 </body>
94 </html>

```

entry/signup.php

```
1 <?php
2 session_start();
3 if (isset($_SESSION["userid"])) {
4     header("location: ../index.php");
5     exit;
6 }
7
8
9 <!DOCTYPE html>
10 <html lang="en">
11 <head>
12     <title>Sign up for Pathfinder</title>
13     <meta charset="UTF-8">
14     <meta name="viewport" content="width=device-width, initial-scale=1">
15     <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
16     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KyzXEAg"
17     <script src="https://kit.fontawesome.com/7f15b6993d.js" crossorigin="anonymous"></script>
18     <link rel="stylesheet" type="text/css" href="https://cdn.jsdelivr.net/npm/animate.css@4.1.1/animate.min.css">
19     <link rel="stylesheet" type="text/css" href="vendor/css-hamburgers/hamburgers.min.css">
20     <link href="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/css/select2.min.css" rel="stylesheet" />
21     <link rel="stylesheet" type="text/css" href="css/util.css">
22     <link rel="stylesheet" type="text/css" href="css/main.css">
23 </head>
24 <body>
25     <div class="btn-group">
26
27         <input type="radio" name="type" id="option-1" value="student" <?php if (isset($_SESSION["temp-type"])) { if ($_SESSION["tem
28         <input type="radio" name="type" id="option-2" value="librarian" <?php if (isset($_SESSION["temp-type"])) { if ($_SESSION["t
29
30         <label for="option-1" class="option option-1">
31             <div class="dot"></div>
32             <span>Student</span>
33         </label>
34         <label for="option-2" class="option option-2">
35             <div class="dot"></div>
36             <span>Librarian</span>
37         </label>
38     </div>
39     <div class="limiter">
40         <div class="container-login100">
41             <div class="wrap-login100">
42                 <div class="login100-pic js-tilt" data-tilt>
43                     <a href="index.php"></a>
44                     Yok Bin Library
45                 </div>
46
47                 <form class="login100-form validate-form" method="POST" action="includes/signup.inc.php">
48                     <span class="login100-form-title">Sign up</span>
49
50                     <!-- notices -->
51                     <?php
52                         if (isset($_SESSION["signup-error"])) {
53                             echo '<div class="alert alert-success" role="alert">' . $_SESSION["signup-error"] . '</div>';
54                         }
55                         unset($_SESSION["signup-error"]);
56                     >
57
58                     <div class="wrap-input100 validate-input" data-validate="Required">
59                         <input class="input100" type="text" name="username" placeholder="Username" value="<?php if (isset($_SESSION
60                         <span class="focus-input100"></span>
61                         <span class="symbol-input100">
62                             <i class="fa fa-user" aria-hidden="true"></i>
63                         </span>
64                     </div>
65
66                     <div class="wrap-input100 validate-input" data-validate="Required">
67                         <input class="input100" type="email" name="email" placeholder="Email" value="<?php if (isset($_SESSION["sig
68                         <span class="focus-input100"></span>
69                         <span class="symbol-input100">
70                             <i class="fa fa-envelope" aria-hidden="true"></i>
```

```

71     </span>
72 </div>
73
74 <div class="wrap-input100 validate-input" data-validate="Required">
75   <input class="input100" type="password" name="password" placeholder="Password">
76   <span class="focus-input100"></span>
77   <span class="symbol-input100">
78     <i class="fa fa-lock" aria-hidden="true"></i>
79   </span>
80 </div>
81
82 <div class="wrap-input100 validate-input" data-validate="Required">
83   <input class="input100" type="password" name="confirm-password" placeholder="Confirm Password">
84   <span class="focus-input100"></span>
85   <span class="symbol-input100">
86     <i class="fa fa-lock" aria-hidden="true"></i>
87   </span>
88 </div>
89
90 <input type="hidden" name="type" id="type" value="<?php if (isset($_SESSION["temp-type"])) { if ($_SESSION["tem
91
92 <div class="container-login100-form-btn">
93   <button class="login100-form-btn" name="signup" type="submit">Sign Up</button>
94 </div>
95
96 <div class="text-center p-t-136">
97   <a class="txt2" href="login.php">
98     Log in
99     <i class="fa fa-long-arrow-right m-l-5" aria-hidden="true"></i>
100   </a>
101 </div>
102
103 </form>
104 </div>
105
106 </div>
107 </div>
108 </body>
109
110 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
111 <script src="https://unpkg.com/@popperjs/core@2"></script>
112 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
113 <script src="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/js/select2.min.js"></script>
114 <script src="vendor/tilt/tilt.jquery.min.js"></script>
115 <script >
116   $(''.js-tilt').tilt({
117     scale: 1.1
118   })
119 </script>
120 <script>
121   const option1 = document.getElementById("option-1");
122   const option2 = document.getElementById("option-2");
123   const role = document.getElementById("type");
124   [option1, option2].forEach(element => {
125     element.addEventListener("click", function(){
126       role.value = element.value;
127     });
128   });
129 </script>
130 <script src="js/main.js"></script>
131 </body>
132 </html>

```

entry/js/main.js

```
lms > entry > js > JS main.js
1
2 (function ($) {
3     "use strict";
4
5     /*=====
6     [ Validate ]*/
7     var input = $(''.validate-input .input100');
8
9     $(''.validate-form').on('submit', function(){
10         var check = true;
11
12         for(var i=0; i<input.length; i++) {
13             if(validate(input[i]) == false){
14                 showValidate(input[i]);
15                 check = false;
16             }
17         }
18
19         return check;
20     });
21
22
23     $(''.validate-form .input100').each(function(){
24         $(this).focus(function(){
25             hideValidate(this);
26         });
27     });
28
29     function validate (input) {
30         if($(input).val().trim() == ''){
31             return false;
32         }
33     }
34
35     function showValidate(input) {
36         var thisAlert = $(input).parent();
37
38         $(thisAlert).addClass('alert-validate');
39     }
40
41     function hideValidate(input) {
42         var thisAlert = $(input).parent();
43
44         $(thisAlert).removeClass('alert-validate');
45     }
46
47 })(jQuery);
48
```

error/error.php

```

1 <?php
2 //Load Composer's autoloader
3 require '../vendor/autoload.php';
4
5 // use phpdotenv
6 $dotenv = Dotenv::createImmutable(str_replace("\\error", "", __DIR__));
7 $dotenv->load();
8
9 $status = $_SERVER['REDIRECT_STATUS'];
10 $codes = array(
11     403 => array('403', 'The server has refused to fulfill your request.'),
12     404 => array('404', 'The document/file requested was not found on this server.'),
13     405 => array('405', 'The method specified in the Request-Line is not allowed for the specified resource.'),
14     408 => array('408', 'Your browser failed to send a request in the time allowed by the server.'),
15     500 => array('500', 'The request was unsuccessful due to an unexpected condition encountered by the server.'),
16     502 => array('502', 'The server received an invalid response from the upstream server while trying to fulfill the request.'),
17     504 => array('504', 'The upstream server failed to send a request in the time allowed by the server.'),
18 );
19
20 $code = $codes[$status][0];
21 $message = $codes[$status][1];
22
23
24 <!DOCTYPE html>
25 <html lang="en">
26
27 <head>
28     <meta charset="utf-8">
29     <meta http-equiv="X-UA-Compatible" content="IE=edge">
30     <meta name="viewport" content="width=device-width, initial-scale=1">
31     <base href="<?php echo $_SERVER['DOMAIN'] . "/pathfinder/";?>">
32
33     <title>Oops!</title>
34
35     <link href="https://fonts.googleapis.com/css?family=Montserrat:700,900" rel="stylesheet">
36     <link type="text/css" rel="stylesheet" href="error/css/font-awesome.min.css">
37     <link type="text/css" rel="stylesheet" href="error/css/style.css">
38
39 </head>
40
41 <body>
42
43     <!-- Messenger Chat plugin Code -->
44     <div id="fb-root"></div>
45
46     <!-- Your Chat plugin code -->
47     <div id="fb-customer-chat" class="fb-customerchat">
48     </div>
49
50     <script>
51         var chatbox = document.getElementById('fb-customer-chat');
52         chatbox.setAttribute("page_id", "102055062196215");
53         chatbox.setAttribute("attribution", "biz_inbox");
54
55         window.fbAsyncInit = function() {
56             FB.init({
57                 xfbml      : true,
58                 version     : 'v11.0'
59             });
60         };
61
62         (function(d, s, id) {
63             var js, fjs = d.getElementsByTagName(s)[0];
64             if (d.getElementById(id)) return;
65             js = d.createElement(s); js.id = id;
66             js.src = 'https://connect.facebook.net/en_US/sdk/xfbml.customerchat.js';
67             fjs.parentNode.insertBefore(js, fjs);
68         }(document, 'script', 'facebook-jssdk'));
69     </script>
70

```

```

71 <div id="notfound">
72 <div class="notfound-bg"></div>
73 <div class="notfound">
74 <div class="notfound-404">
75 <h1><?php echo $code;?></h1>
76 </div>
77 <h2><?php echo $message;?></h2>
78 <a href="./index.php" class="home-btn">Go to Home</a>
79 <div class="notfound-social">
80 <a href="https://www.facebook.com/Pathfinder-102055062196215/" target="_blank"><i class="fa fa-facebook"></i></a>
81 <a href="https://www.instagram.com/pathfinderlibms/" target="_blank"><i class="fa fa-instagram"></i></a>
82 </div>
83 </div>
84 </div>
85
86 </body>
87
88 </html>
89

```

error/css/style.css

```
lms > error > css > # style.css > 
1  {
2    -webkit-box-sizing: border-box;
3    box-sizing: border-box;
4  }
5
6  body {
7    padding: 0;
8    margin: 0;
9  }
10
11  #notfound {
12    position: relative;
13    height: 100vh;
14  }
15
16  #notfound .notfound-bg {
17    position: absolute;
18    width: 100%;
19    height: 100%;
20    background-image: url('../img/bg.jpg');
21    background-size: cover;
22  }
23
24  #notfound .notfound-bg:after {
25    content: '';
26    position: absolute;
27    width: 100%;
28    height: 100%;
29    background-color: rgba(255, 0, 36, 0.7);
30  }
31
32  #notfound .notfound {
33    position: absolute;
34    left: 50%;
35    top: 50%;
36    -webkit-transform: translate(-50%, -50%);
37    -ms-transform: translate(-50%, -50%);
38    transform: translate(-50%, -50%);
39  }
40
41  .notfound {
42    max-width: 910px;
43    width: 100%;
44    line-height: 1.4;
45    text-align: center;
46  }
47
48  .notfound .notfound-404 {
49    position: relative;
50    height: 200px;
51  }
52
53  .notfound .notfound-404 h1 {
54    font-family: 'Montserrat', sans-serif;
55    position: absolute;
56    left: 50%;
57    top: 50%;
58    -webkit-transform: translate(-50%, -50%);
59    -ms-transform: translate(-50%, -50%);
60    transform: translate(-50%, -50%);
61    font-size: 220px;
62    font-weight: 900;
63    margin: 0px;
64    color: #fff;
65    text-transform: uppercase;
66    letter-spacing: 10px;
67  }
68
69  .notfound h2 {
70    font-family: 'Montserrat', sans-serif;
```

```

71   font-size: 22px;
72   font-weight: 700;
73   text-transform: uppercase;
74   color: ■ #fff;
75   margin-top: 20px;
76   margin-bottom: 15px;
77 }
78
79 .notfound .home-btn, .notfound .contact-btn {
80   font-family: 'Montserrat', sans-serif;
81   display: inline-block;
82   font-weight: 700;
83   text-decoration: none;
84   background-color: transparent;
85   border: 2px solid transparent;
86   text-transform: uppercase;
87   padding: 13px 25px;
88   font-size: 18px;
89   border-radius: 40px;
90   margin: 7px;
91   -webkit-transition: 0.2s all;
92   transition: 0.2s all;
93 }
94
95 .notfound .home-btn:hover, .notfound .contact-btn:hover {
96   opacity: 0.9;
97 }
98
99 .notfound .home-btn {
100   color: ■ rgba(255, 0, 36, 0.7);
101   background: ■ #fff;
102 }
103
104 .notfound .contact-btn {
105   border: 2px solid ■ rgba(255, 255, 255, 0.9);
106   color: ■ rgba(255, 255, 255, 0.9);
107 }
108
109 .notfound-social {
110   margin-top: 25px;
111 }
112
113 .notfound-social>a {
114   display: inline-block;
115   height: 40px;
116   line-height: 40px;
117   width: 40px;
118   font-size: 14px;
119   color: ■ rgba(255, 255, 255, 0.9);
120   margin: 0px 6px;
121   -webkit-transition: 0.2s all;
122   transition: 0.2s all;
123 }
124 .notfound-social>a:hover {
125   color: ■ rgba(255, 0, 36, 0.7);
126   background-color: ■ #fff;
127   border-radius: 50%;
128 }
129
130 @media only screen and (max-width: 767px) {
131   .notfound .notfound-404 h1 {
132     font-size: 182px;
133   }
134 }
135
136 @media only screen and (max-width: 480px) {
137   .notfound .notfound-404 {
138     height: 146px;
139   }
140   .notfound .notfound-404 h1 {
141     font-size: 146px;
142   }
143   .notfound h2 {
144     font-size: 16px;
145   }
146   .notfound .home-btn, .notfound .contact-btn {
147     font-size: 14px;
148   }
149 }
150

```

feedback/index.php

```
1 <?php session_start();?>
2 <!DOCTYPE html>
3 <html lang="en">
4 <head>
5     <title>Feedback</title>
6     <meta charset="UTF-8">
7     <meta name="viewport" content="width=device-width, initial-scale=1">
8     <link rel="icon" type="image/png" href="images/icons/favicon.ico">
9     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KyZXEAg"
10     <script src="https://kit.fontawesome.com/a076d05399.js" crossorigin="anonymous"></script>
11     <link rel="stylesheet" type="text/css" href="fonts/font-awesome-4.7.0/css/font-awesome.min.css">
12     <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css">
13     <link rel="stylesheet" type="text/css" href="vendor/css-hamburgers/hamburgers.min.css">
14     <link href="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/css/select2.min.css" rel="stylesheet">
15     <link rel="stylesheet" type="text/css" href="css/util.css">
16     <link rel="stylesheet" type="text/css" href="css/main.css">
17 </head>
18 <body>
19
20     <div class="bg-contact100" style="background-image: url('images/bg-01.jpg');">
21         <div class="container-contact100">
22             <div class="wrap-contact100">
23                 <div class="contact100-pic js-tilt" data-tilt>
24                     
25                 </div>
26
27                 <form class="contact100-form validate-form" method="post" action="../includes/feedback.inc.php">
28                     <span class="contact100-form-title">
29                         Your feedback
30                     </span>
31
32                     <?php
33                         if (isset($_SESSION["feedback-submitted-success-msg"])) {
34                             echo '<div class="alert alert-success" role="alert">' . $_SESSION["feedback-submitted-success-msg"] . '
35                             unset($_SESSION["feedback-submitted-success-msg"]);
36                         }
37
38                         if (isset($_SESSION["give-feedback-error"])) {
39                             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["give-feedback-error"] . '</div>';
40                             unset($_SESSION["give-feedback-error"]);
41                         }
42                     ?>
43
44                     <div class="wrap-input100 validate-input" data-validate="Required">
45                         <input class="input100" type="text" name="name" placeholder="Name">
46                         <span class="focus-input100"></span>
47                         <span class="symbol-input100">
48                             <i class="fa fa-user" aria-hidden="true"></i>
49                         </span>
50                     </div>
51
52                     <div class="wrap-input100 validate-input" data-validate="Required">
53                         <input class="input100" type="email" name="email" placeholder="Email">
54                         <span class="focus-input100"></span>
55                         <span class="symbol-input100">
56                             <i class="fa fa-envelope" aria-hidden="true"></i>
57                         </span>
58                     </div>
59
60                     <div class="form-field">
61                         <div class="emoji-wrapper">
62                             <label class="emoji-container">
63                                 <input type="radio" id="emoji" class="sad" name="emoji" value="Bad">
64                                 <i class="far fa-frown"></i>
65                             </label>
66                             <label class="emoji-container">
67                                 <input type="radio" id="emoji" class="average" name="emoji" value="Average">
68                                 <i class="far fa-meh"></i>
69                             </label>
70                             <label class="emoji-container">
```

```

71         <input type="radio" id="emoji" class="happy" name="emoji" value="Good">
72         <i class="far fa-smile"></i>
73         </label>
74     </div>
75 </div>
76
77     <div class="wrap-input100 validate-input">
78         <textarea class="input100 feedback" name="feedback" placeholder="Feedback (Optional)"></textarea>
79         <span class="focus-input100"></span>
80     </div>
81
82     <div class="container-contact100-form-btn">
83         <button class="contact100-form-btn" name="submit-feedback">
84             Submit
85         </button>
86     </div>
87 </form>
88 </div>
89 </div>
90 </div>
91
92 <script src="vendor/jquery/jquery-3.2.1.min.js"></script>
93 <script src="vendor/bootstrap/js/popper.js"></script>
94 <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
95 <script src="vendor/select2/select2.min.js"></script>
96 <script src="vendor/tilt/tilt.jquery.min.js"></script>
97 <script>
98     $(''.js-tilt').tilt({
99         scale: 1.1
100     })
101 </script>
102
103 <script>
104     (function ($) {
105         "use strict";
106
107         /*=====
108         [ Validate ]*/
109         var input = $(''.validate-input .input100').not(".feedback");
110
111         $(''.validate-form').on('submit',function(){
112             var check = true;
113
114             for(var i=0; i<input.length; i++) {
115                 if(validate(input[i]) == false){
116                     showValidate(input[i]);
117                     check=false;
118                 }
119             }
120
121             return check;
122         });
123
124         $(''.validate-form .input100').each(function(){
125             $(this).focus(function(){
126                 hideValidate(this);
127             });
128         });
129
130         function validate (input) {
131             if($(input).val().trim() == ''){
132                 return false;
133             }
134         }
135
136         function showValidate(input) {
137             var thisAlert = $(input).parent();
138
139             //
140

```

```

141         $(thisAlert).addClass('alert-validate');
142     }
143
144     function hideValidate(input) {
145         var thisAlert = $(input).parent();
146
147         $(thisAlert).removeClass('alert-validate');
148     }
149
150     })(jQuery);
151
152 </script>
153
154 </body>
155 </html>
156

```

feedback/js/main.js

```

1
2 (function ($) {
3     "use strict";
4
5
6     /*=====
7     [ Validate ]*/
8     var input = $(''.validate-input .input100').not(".feedback");
9
10    $(''.validate-form').on('submit',function(){
11        var check = true;
12
13        for(var i=0; i<input.length; i++) {
14            if(validate(input[i]) == false){
15                showValidate(input[i]);
16                check=false;
17            }
18        }
19
20        return check;
21    });
22
23
24    $(''.validate-form .input100').each(function(){
25        $(this).focus(function(){
26            hideValidate(this);
27        });
28    });
29
30    function validate (input) {
31        if($(input).val().trim() == ''){
32            return false;
33        }
34    }
35
36    function showValidate(input) {
37        var thisAlert = $(input).parent();
38
39        $(thisAlert).addClass('alert-validate');
40    }
41
42    function hideValidate(input) {
43        var thisAlert = $(input).parent();
44
45        $(thisAlert).removeClass('alert-validate');
46    }
47
48
49
50 })(jQuery);

```

D5 Dokumentasi

Fasa 5 :Dokumentasi		
Teknik Peniskalan	Penentuan aspek-aspek penting	
	i. Dokumentasi dalaman	Penulisan komen untuk menerangkan fungsi setiap bahagian atau sesuatu baris kod arahan.
	ii. Dokumentasi luaran Dokumen pustaka	Maklumat yang diperlukan oleh seorang pengatur cara : Tarikh : Nama Pengatur cara : Yeo Xian Hui, Tan Ting Hong Tujuan /Kegunaan atur cara : Keperluan sistem pengendalian: Window 10 keperluan perkakasan: Processor : Intel Core Tm 4 GB DDR4 Memory Harddisk : 10 MB keperluan perisian : XMAPP Google Browser Note pad
	iii. Dokumentasi luaran • Panduan pengguna	Maklumat yang diperlukan oleh seorang pengguna seperti : Nama dan tujuan atur cara, Keperluan sistem pengendalian, perkakasan dan perisian, Cara penggunaan. 1. Install XMAPP melalui https://www.apachefriends.org/index.html 2. Setup server 3. Daftar akaun Disqus di https://disqus.com 4. Daftarkan Facebook page baru untuk

Manual pengguna

Manual pengguna sistem ini dapat diakses di repository proyek ini di Github (README.md).

<https://github.com/jPRO-22/pathfinder>

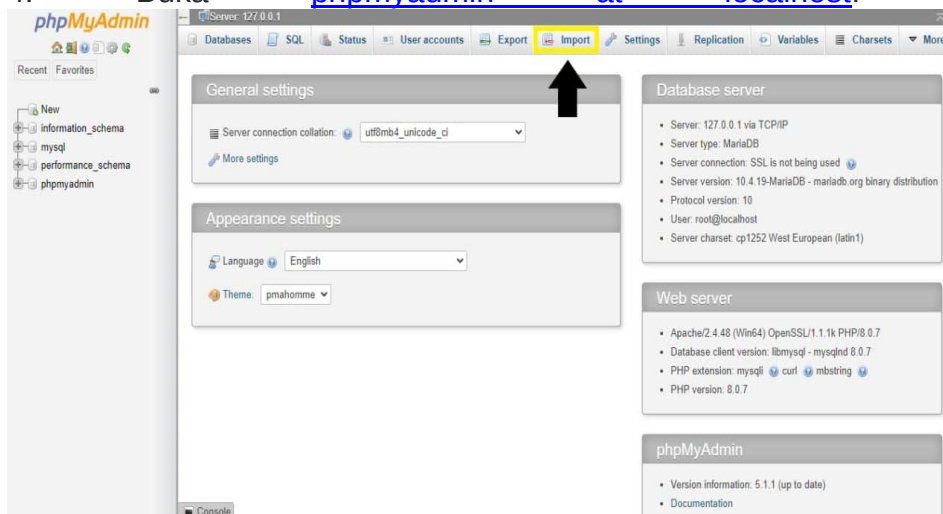
1. Pengguna download git clone <https://github.com/jPRO-22/pathfinder.git> or klik "Download zip".

2. Unzip Folder . Pindahkan **Folder lms** ke dalam **xampp htdocs folder** and rename lms folder kepada **pathfinder**.

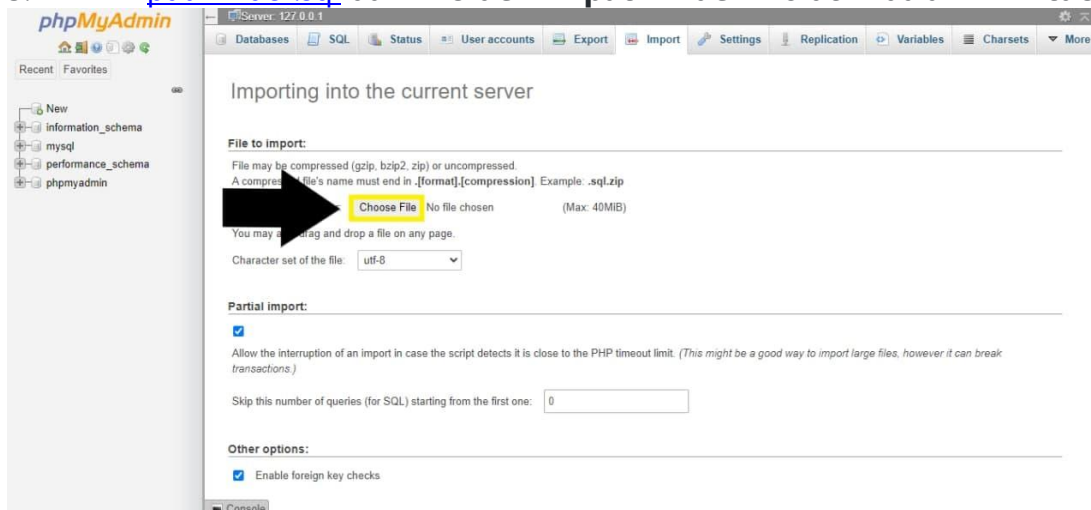
3. Download [XAMPP](#). menjadikan server. Tekan import tab

4. Buka [phpmyadmin](#) at [localhost](#).

import



5. Pilih [pathfinder.sql](#) dari **Folder pathfinder** folder dalam **htdocs folder**.



6. Tekan “ Go” dan melakukan setting seperti berikut :

- a. Cipta satu Facebook page yang baru dan setup the Facebook Chat Plugin. Ini membolehkan Fungsi live chat features dalam web ini dan pengguna boleh berkomunikasi secara live.
- b. Setelah selesai setting chat plugin, tukarkan kod dalam line `chatbox.setAttribute("page_id", "[code_here]");` at [header.php](#) (line 34) kepada **kod Facebook Chat Plugin**
- c. Cipta a [Disqus](#) account di <https://disqus.com>. Set up satu Disqus site.
- d. Setelah selesai , tukarkan `s.src` at [book.php](#) (line 134: `s.src = 'https://pathfinderlibms.disqus.com/embed.js';`) kepada `embed.js` file dalam Disqus site (Anda boleh dapatkan embed source during setup/installation process of your Disqus site).
- e. Ciptakan satu Google Account untuk testing. Turn on "Allow less secure apps". Change the email at [includes/feedback.inc.php](#) (line 54, 60, 61) and [includes/reset-request.inc.php](#) (line 65, 71) kepada Google account email yang baru tadi.
- f. Tambahkan Gmail password to [.env file](#) (line 1: `EMAIL_PASSWORD = [email password here]`).
- g. Sign up ngrok. Install dan setup ngrok pada komputer anda.
- h. Setelah semua akaun telah selesai didaftar dan set up :
 - a. Start localhost.
 - b. run ngrok http 443 at Command Prompt.
 - c. If installing for the first time, add the generated domain to [.env file](#) (line 2: `DOMAIN = [ngrok domain here]`) also.
 - d. Copy the generated domain and paste it to your browser. Add pathfinder behind the ngrok domain. Thus it would become `https://[code].ngrok.io/pathfinder`. Press enter and the home page of this web app will come up.

7. Anda gunakan ngrok locally. domain link akan bertukar setiap kali anda runkan new ngrok http command. Oleh itu, anda perlu tukarkan domain to the generated ngrok domain dalam Disqus site and FB Chat Plugin "Website Domain" setiap kali, Ingat tukarka DOMAIN setiap kali run yang baru [.env file](#) (line 2: `DOMAIN = [ngrok domain here]`).

8. Untuk Admin akses **Sistem Pengurusan Perpustakaan SMJK YOK BIN** log in dengan Username: admin (or Email: admin@admin.com) and Password: abcd1234. Anda juga boleh tukarkan admin password di profile page.

Note: Product apps ini ialah "Pathfinder", Jadi anda boleh search "Pathfinder" yang kami setup dan kami menggunakan Pathfinder accounts untuk FB Chat Plugin, Disqus dan Gmail.