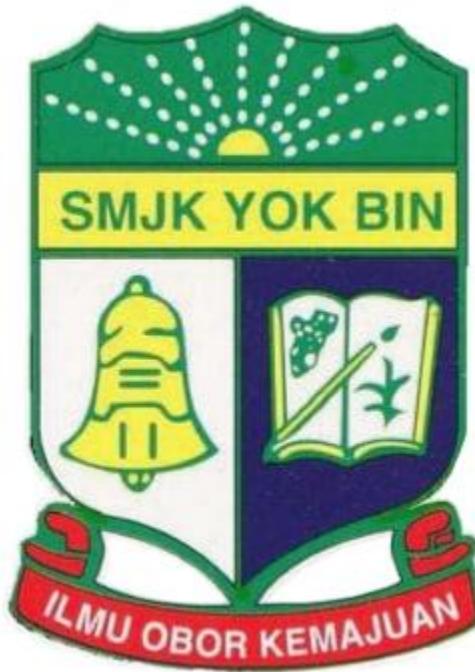


Karnival STEM 2021 - Senior Stem Coding Challenge 2021

## **Sistem Pengurusan Perpustakaan SMJK YOK BIN**

SMJK YOK BIN



Penulis: Yeo Xian Hui, Tan Ting Hong

	<b>Isi Kandungan</b>	<b>Muka Surat</b>
<b>D1 Pengenalan</b>	Menyatakan pengenalan kajian yang dijalankan	3 – 4
<b>D2 Analisis Masalah</b>	Kaedah pengumpulan data ( pemerhatian, soal selidik dan temubual ) Perancangan Carta Gantt	5 - 13
<b>D3 Rekabentuk Aturcara</b>	Pseudokod Antaramuka	14 – 27
<b>D4 Pengekodan</b>	Kod arahan yang dibina	28 - 168
<b>D5 Dokumentasi</b>	Manual pengguna dan rujukan pengaturcara lain	169 - 172

## 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 merujukkan 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 berdasarkan web untuk mengurus maklumat di sekolah.

Kami bercadang untuk membina satu sistem pangkalan data berdasarkan 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 berdasarkan web yang lebih berinteraktif secara talian dengan membina pangkalan data dengan server phpMyadmin dan pembinaan laman web dengan bahasa pengaturcaan PHP.

## **Sistem Pengurusan Perpustakaan SMJK YOK BIN**

### **Kelebihan Sistem :**

1. E-Catalog
2. Search Engine
3. Live Chat dengan Admin
4. Data diakses secara online
5. Book review –Perkongsian komen sessi 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 berdasarkan web ini dengan menulis CSS stylesheet.

## Carta Gantt

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

Fasa 1 : Analisis Masalah	
Teknik Leraian	<p><b>(a) Masalah Besar</b>  Membina satu sistem pangkalan data berdasarkan web bagi sekolah berdasarkan kemahiran yang telah pelajari, iaitu HTML, CSS, Javascript serta PHP dan MySQL.</p> <p>Bagi pasukan kami, kami akan membangunkan sebuah sistem pengurusan perpustakaan berdasarkan web seperti yang dikatakan di atas.</p>
	<p><b>(b) Bahagian-bahagian kecil :</b></p> <p><b>1. Pangkalan Data:</b>  Membina rangka jadual (<i>table</i>) pangkalan data bagi menyimpan:</p> <ul style="list-style-type: none"> <li>- data pengguna (pelajar sekolah)</li> <li>- data buku</li> <li>- notifikasi sistem (<i>system notifications</i>)</li> </ul> <hr/> <p><b>1.1.1 Jadual bagi pengguna (<i>user</i>):</b>  Entiti pengguna mempunyai atribut:</p> <ul style="list-style-type: none"> <li>- Nama</li> <li>- Email</li> <li>- Kata laluan</li> <li>- Jenis</li> <li>- Buku yang dipinjam</li> <li>- Bilangan buku dipinjam atau ingin dipinjam</li> <li>- permintaan meminjam buku yang belum diselesai (<i>pending borrow requests</i>)</li> </ul> <p><b>Skrip SQL (<i>SQL scripts</i>) bagi membina jadual ini:</b>  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 </p>

)

---

### **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 diselesaikan  
*(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(usersId)
)
```

---

## 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
  
    - Mbolehkan pelajar log keluar selepas habis urusan sendiri di perpustakaan.
    - Mbolehkan 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*)
    - Mbolehkan 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*
- Mbolehkan 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
- Mbolehkan 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 perpustakawan
Teknik Peniskalan	Penentuan aspek-aspek penting	
	Input	Username , password
	Proses	<ol style="list-style-type: none"> <li>1. Log masuk</li> <li>2. Log keluar</li> <li>3. Pendaftaran (<i>sign up</i>)</li> <li>4. Meminjam buku</li> <li>5. Memulangkan buku</li> <li>6. Meletak jawatan sebagai pustakawan (<i>quit being librarian</i>)</li> <li>7. Mengedit perincian akaun (<i>account details</i>)</li> <li>8. Menerima permintaan meminjam buku yang belum diselesaikan (pending borrow requests)</li> <li>9. Membuangkan pustakawan</li> <li>10. Menerima permintaan menjadi pustakawan dari pengguna biasa</li> <li>11. Menambah buku</li> <li>12. Mengedit perincian buku (<i>edit book details</i>)</li> <li>13. Notifikasi</li> <li>14. Maklum balas (<i>send feedback</i>)</li> </ol>
	Output	Paparkan webpage

## Pseudokod

**Antara algoritma paling penting yang terdapat dalam sistem berdasarkan 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*)**

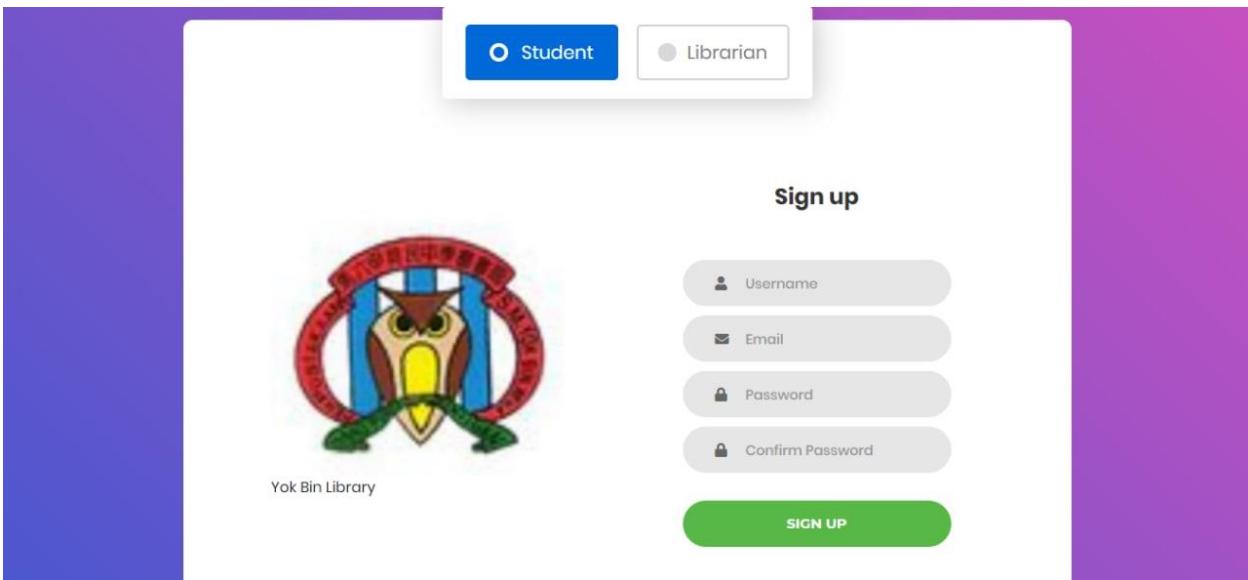
1. Mula
2. Dapatkan butiran buku yang telah diedit daripada pengguna
3. Kemaskini column di jadual *Books* berdasarkan input daripada pengguna
4. Tamat

### **Notifikasi**

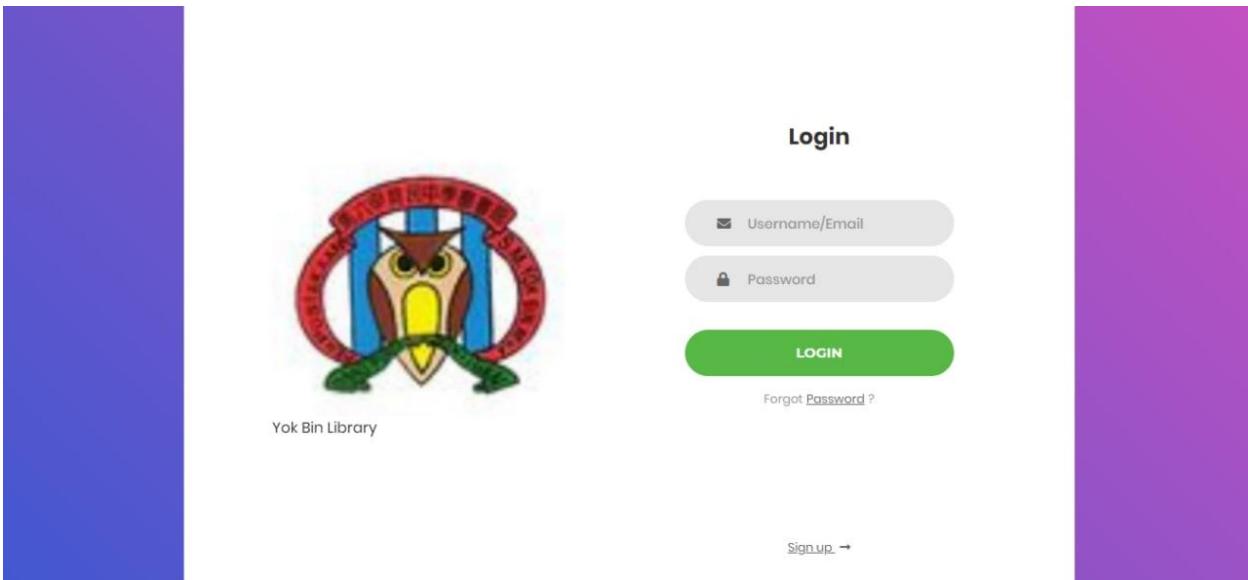
1. Mula
2. Dapatkan *username* yang akan menerima pengumuman daripada pengguna
3. Dapatkan *text* yang hendak diumumkan daripada pengguna
4. Mencari *userId* berdasarkan *username*
5. Jika tidak ada pulangan rekod daripada jadual *Users*
  6. Paparkan mesej “User not found” pada skrin pengguna
  7. Tamat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

## Reka bentuk Antara muka

### Antaramuka Signup.php



### Antaramuka login.php



## Antaramuka index.php

The screenshot displays the homepage of the Antaramuka index.php website. At the top, there is a navigation bar with links for Home, Books, Sign up, and Log In. Below the navigation is a search bar with placeholder text "Enter your search here" and a magnifying glass icon. The background of the header features a collage of various maps and documents.

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**Homecoming of NILAM**  
Lorem ipsum dolor sit amet consectetur adipisicing elit. In molestias dolore rem nemo repudiandae deleniti namus, unde perspicacius eum, ab fugit nisi laborum placeat soluta quasi id dolobitus impedit odio.  
[For more information](#)

**Quiz Competition**  
Lorem ipsum dolor sit amet consectetur adipisicing elit.  
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**Quiz Competition**  
Lorem ipsum dolor sit amet consectetur adipisicing elit.  
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**Quiz Competition**  
Lorem ipsum dolor sit amet consectetur adipisicing elit.  
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31/8/2021  
[Details](#)

**Speech By Uni Prof**  
25/8/2021  
[Details](#)

**Event**  
**Date**  
[Details](#)

**Books Release**

Find and explore your new favourite books handpicked by our staff. Our collection is wide and we add on to it very regularly.

**Always visit the library whenever in doubt**

**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

The screenshot shows a library search interface. At the top, there's a navigation bar with a menu icon, the library logo 'Yok Bin Library', and links for Home, Books, Sign up, and Log In. Below the navigation is a search bar with a placeholder 'Enter Keyword' and a 'Search' button. A dropdown menu labeled 'Search By:' lists various search criteria: Search All, Book Title, ISBN, Author, Category, Published Year, Publisher, Shelf, and Language. The main content area displays two book entries:

Book Image	Title	ISBN	Status	Description
	12	ISBN: 0-19-853453-1	Available	Description 12
	lorem ipsum	ISBN: 978-1-60309-475-7	Available	Description lorem ipsum

Below the entries is a navigation bar with buttons for <<, <, >, >>, and a text input field for 'Enter page index'. It also displays '1 - 5 out of 5 results'. At the bottom of the page, there's an 'ABOUT US' section with social media links (Facebook, Instagram, YouTube) and a 'OPENING HOURS' table.

**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 Addbook.php

The screenshot shows the 'Add Book' form on the 'Yok Bin Library' website. The form includes fields for book details like title, author, and description, along with a file upload field for the book cover. A large green button at the bottom right is labeled '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

**ABOUT US**  
You can follow us on our social media to get the latest information about library.  
[f](#) [i](#) [o](#)

**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 manage\_books.php

The screenshot shows a library management system interface. At the top, there's a navigation bar with a logo, 'Yok Bin Library', and links for Home, Books, Profile, Log Out, and a bell icon. Below the navigation is a search bar labeled 'Search By:' with various filter options like 'Search All', 'Book Title', 'ISBN', etc., all checked. A search input field and a 'Search' button are also present. The main content area displays two book entries in a grid format:

Book Title	ISBN	Status	Description
12	ISBN: 0-19-853453-1	In stock	Description 12
lorem ipsum	ISBN: 978-1-60309-475-7	In stock	Description lorem ipsum

Below the grid is a pagination control with buttons for '<<', '<', '1', '>', and '>>'. A text input field 'Enter page index' shows '1 - 5 out of 5 results'. At the bottom of the page, there are sections for 'ABOUT US' (with social media links) and 'OPENING HOURS' (with a table of weekly opening times).

**ABOUT US**  
You can follow us on our social medias to get the latest information about library.  
[f](#) [g](#) [o](#)

**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 Edit book.php

Yok Bin Library

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:  
12  
[Change Title](#)

Author:  
12  
[Change Author](#)

Description  
12  
[Change Description](#)

Category:  
12  
[Change Category](#)

Publisher:  
12  
[Change Publisher](#)

Language:  
12  
[Change Language](#)

Price:  
\$10.00  
[Change Price](#)

Year:  
1920/21  
[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

## Antaramuka Notification.php

The screenshot shows a web page titled "Yok Bin Library". At the top, there is a navigation bar with links for "Home", "Books", "Profile", "Log Out", and a bell icon. Below the navigation bar is a form for sending a notification. The form includes fields for "Username" (with a placeholder "Content...") and "Notification Content" (with a placeholder "Content..."). A "Send" button is located at the bottom of the form. The main content area below the form is currently empty.

## Antaramuka Admin.php

The screenshot shows a web page titled "Yok Bin Library". At the top, there is a navigation bar with links for "Home", "Books", "Profile", "Log Out", and a bell icon. Below the navigation bar, there is a section titled "Pending librarian sign up requests" which states "There are no pending librarian sign up requests currently." There are also sections for "Librarians", "Borrow requests", and "Issued books", each stating "There are no [category] currently." The main content area below these sections is currently empty.

## Antaramuka profile.php

The screenshot shows a user profile page for 'Yok Bin Library'. At the top, there's a navigation bar with a menu icon, the library logo, and links for Home, Books, Profile, Log Out, and a bell icon. Below the navigation, a message says 'Welcome back member. This is your profile.' followed by 'Request to be librarian' and 'Edit account'. A note below states 'You haven't borrow any books yet. Go to our digital library to explore some!'. The main content area has two sections: 'ABOUT US' (with social media links) and 'OPENING HOURS' (with a table). At the bottom, a footer notes '© Pathfinder 2021 | Designed by Tan Ting Hong and Yeo Xian Hui from SMJK Yok Bin Melaka'.

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

☰  Home Books Profile Log 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 Sort by Best

 Recommend  Tweet  Share

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 

**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 Feedback.php

The image shows a feedback form interface. On the left, there is a large purple vertical bar. In the center, there is a white feedback form area. At the top right of the form, it says "Your feedback". Below this, there are two input fields: one for "Name" with a person icon and one for "Email" with an envelope icon. Underneath these fields is a purple horizontal bar containing three smiley face icons: a neutral face, a slightly sad face, and a happy face. Below this bar is a text area labeled "Feedback (Optional)". At the bottom right of the form is a purple "Submit" button.

Your feedback

Name

Email

Feedback (Optional)

Submit

## D4 Pengekodan

### 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

The screenshot shows the PhpMyAdmin interface for a MySQL server at 127.0.0.1. The current database selected is 'pathfinder'. On the left, a tree view shows various databases: 'New', 'img-upload', 'information\_schema', 'library', 'librarygh', 'mysql', 'pathfinder' (which is expanded to show 'New', 'books', 'notification', 'pwdreset', and 'users'), 'pathfinder2', 'performance\_schema', 'phpmyadmin', 'test', and 'yblibrary'. The main panel displays the structure of the 'pathfinder' database, specifically the 'books', 'notification', 'pwdreset', and 'users' tables. A summary table at the bottom indicates there are 74 rows across 4 tables, with a total size of 80.0 Kib and overhead of 0 B. Below this, there are buttons for 'Create table' and 'Console'.

## Kod atur cara

### Env

The screenshot shows a terminal window with an '.env' file open. The file contains the following environment variables:

```
EMAIL_PASSWORD =
DOMAIN =
```

## about\_us.php

```
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 SMJK 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=""></a>
19                                </div>
20                            </div>
21                            <div class="member-info">
22                                <h4>Yeo Xian Hui</h4>
23                                <span>Student at Yok Bin</span>
24                            </div>
25                        </div>
26                    </div>
27                </div>
28            <div class="member-container">
29                <div class="member">
30                    <div class="member-img">
31                        
32                        <div class="social">
33                            <a href=""></a>
34                        </div>
35                    </div>
36                    <div class="member-info">
37                        <h4>Tan Ting Hong</h4>
38                        <span>Student at Yok Bin</span>
39                    </div>
40                </div>
41            </div>
42        </div>
43    </div>
44    </div>
45    </div>
46    </div>
47    </div>
48    <?php include_once 'footer.php'?
49
50
51
```

## add\_books.php

```
add_books.php ×
Ims > 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 userId = '" . $_SESSION['userid'] . "'"));
7          if (!$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">' . $_SESSION['add-book-success-msg'] . '</div>';
26
27                 unset($_SESSION['add-book-success-msg']);
28             }
29 ?>
30
31     <h1 class="title">Add Book</h1>
32
33     <form class="book-info" action="includes/add-books.inc.php" method="POST" enctype="multipart/form-data">
34         <h2 class="text-center">Upload book cover</h2>
35         <div class="form-field text-center">
36             <span class="img-div">
37                 <div class="text-center img-placeholder" onClick="triggerClick()">
38                     <h4>Upload book cover (file size must not exceed 1MB)</h4>
39                 </div>
40
41                 <?php
42                     if (isset($_SESSION['add-book-error-img'])) {
43                         echo '<div class="alert alert-danger" role="alert">' . $_SESSION['add-book-error-img'] . '</div>';
44                         unset($_SESSION['add-book-error-img']);
45                     }
46                 ?>
47
48                 
49             </span>
50             <input type="file" name="book-cover" onChange="displayImage(this)" id="book-cover" class="form-control" style="display: none;" accept=".jpg, .jpeg, .png">
51             <label>Book Cover</label>
52         </div>
53
54         <div class="form-field">
55             <label for="isbn">ISBN Number:</label>
56
57             <?php
58                 if (isset($_SESSION['add-book-error-isbn'])) {
59                     echo '<div class="alert alert-danger" role="alert">' . $_SESSION['add-book-error-isbn'] . '</div>';
60                     unset($_SESSION['add-book-error-isbn']);
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']) ? $_SESSION['temp-isbn'] : '') : ''; ?>">
63             <small id="rsp-isbn"></small>
64         </div>
65         <div class="form-field">
66             <label for="quantitiy">Quantity:</label>
67             <?php
68                 if (isset($_SESSION['add-book-error-quantity'])) {
69                     echo '<div class="alert alert-danger" role="alert">' . $_SESSION['add-book-error-quantity'] . '</div>';
70                     unset($_SESSION['add-book-error-quantity']);
71                 }
72             ?>
73             <input type="number" id="quantity" name="quantity" placeholder="Enter quantity" value="<?php echo !isset($_SESSION['add-book-error-quantity']) ? (isset($_SESSION['temp-quantity']) ? $_SESSION['temp-quantity'] : '') : ''; ?>">
74             <small id="rsp-quantity"></small>
75         </div>
76         <div class="form-field">
77             <label for="title">Title:</label>
78             <?php
79                 if (isset($_SESSION['add-book-error-title'])) {
80                     echo '<div class="alert alert-danger" role="alert">' . $_SESSION['add-book-error-title'] . '</div>';
81             ?>
```

```

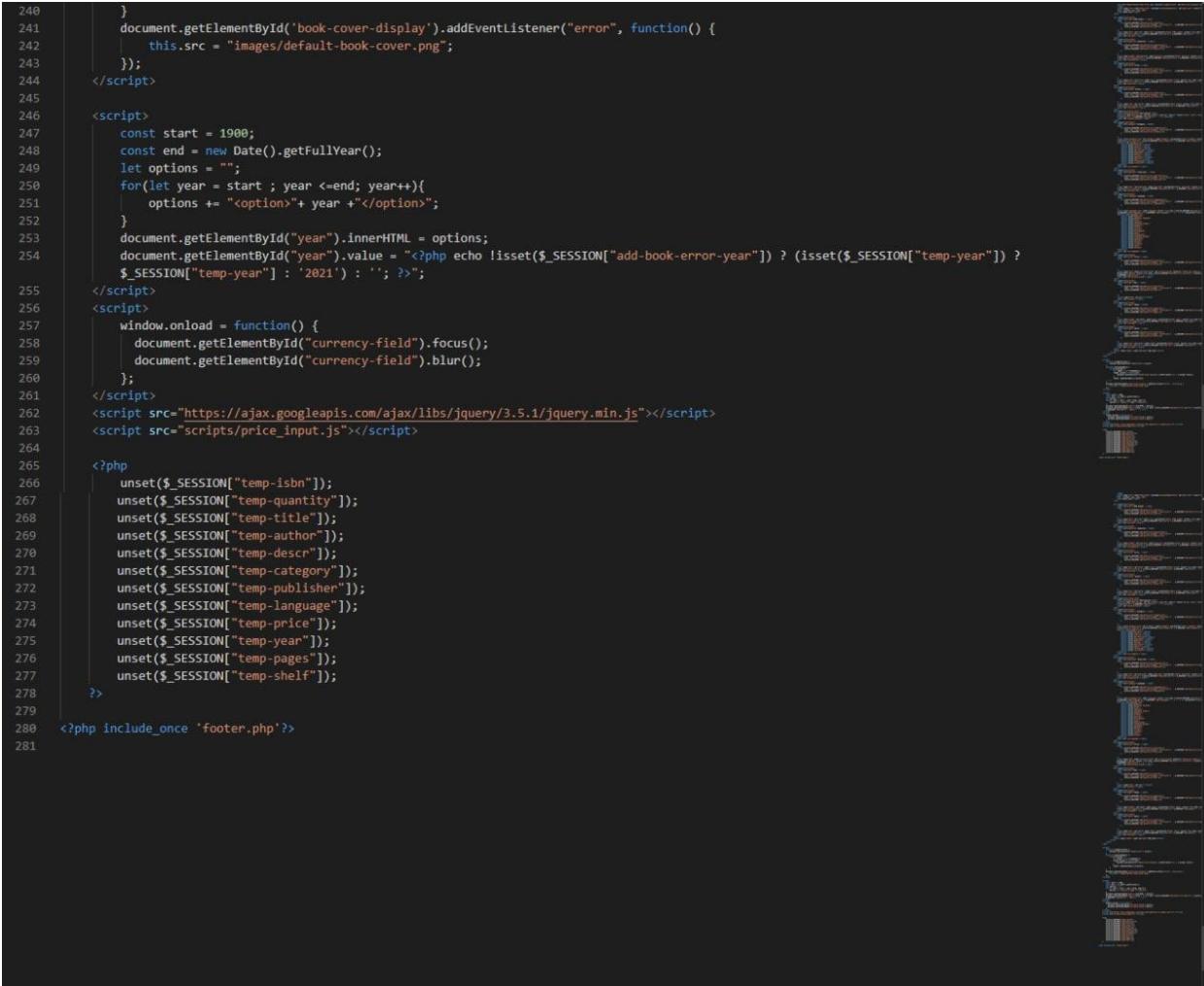
82         unset($_SESSION['add-book-error-title']);
83     }
84
85     ?>
86     <input type="text" id="title" name="title" placeholder="Enter title" value=<?php echo !isset($_SESSION
87     ["add-book-error-title"]) ? (isset($_SESSION["temp-title"]) ? $_SESSION["temp-title"] : '') : ?>">
88     <small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

```

```

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']) ?
185   $_SESSION['temp-price'] : '') : '' ; ?&gt;"&gt;
186   &lt;small id="rsp-currency-field"&gt;&lt;/small&gt;
187 &lt;/div&gt;
188 &lt;div class="form-field"&gt;
189   &lt;label for="year"&gt;Year: &lt;/label&gt;
190   &lt;?php
191     if (isset($_SESSION["add-book-error-year"])) {
192       echo '&lt;div class="alert alert-danger" role="alert"&gt;' . $_SESSION["add-book-error-year"] . '&lt;/div&gt;';
193       unset($_SESSION['add-book-error-year']);
194     }
195   ?&gt;
196   &lt;select name="year" id="year"&gt;&lt;/select&gt;
197   &lt;small id="rsp-year"&gt;&lt;/small&gt;
198 &lt;/div&gt;
199 &lt;div class="form-field"&gt;
200   &lt;label for="pages"&gt;Pages: &lt;/label&gt;
201   &lt;?php
202     if (isset($_SESSION["add-book-error-pages"])) {
203       echo '&lt;div class="alert alert-danger" role="alert"&gt;' . $_SESSION["add-book-error-pages"] . '&lt;/div&gt;';
204       unset($_SESSION['add-book-error-pages']);
205     }
206   ?&gt;
207   &lt;input type="number" id="pages" name="pages" placeholder="Enter pages" value="<?php echo !isset($_SESSION
208   ["add-book-error-pages"]) ? (isset($_SESSION['temp-pages']) ? $_SESSION['temp-pages'] : '') : '' ; ?&gt;"&gt;
209   &lt;small id="rsp-pages"&gt;&lt;/small&gt;
210 &lt;/div&gt;
211 &lt;div class="form-field"&gt;
212   &lt;label for="shelf"&gt;Shelf: &lt;/label&gt;
213   &lt;?php
214     if (isset($_SESSION["add-book-error-shelf"])) {
215       echo '&lt;div class="alert alert-danger" role="alert"&gt;' . $_SESSION["add-book-error-shelf"] . '&lt;/div&gt;';
216       unset($_SESSION['add-book-error-shelf']);
217     }
218   ?&gt;
219   &lt;input type="text" id="shelf" name="shelf" placeholder="Enter shelf" value="<?php echo !isset($_SESSION
220   ["add-book-error-shelf"]) ? (isset($_SESSION['temp-shelf']) ? $_SESSION['temp-shelf'] : '') : '' ; ?&gt;"&gt;
221   &lt;small id="rsp-shelf"&gt;&lt;/small&gt;
222 &lt;/div&gt;
223   &lt;button type="submit" name="add-book"&gt;Add book&lt;/button&gt;
224 &lt;/div&gt;
225 &lt;/form&gt;
226 &lt;/div&gt;
227 &lt;script&gt;
228   function triggerClick(e) {
229     document.querySelector('#book-cover').click();
230   }
231   function displayImage(e) {
232     if (e.files[0]) {
233       var reader = new FileReader();
234       reader.onload = function(e){
235         document.querySelector('#book-cover-display').setAttribute('src', e.target.result);
236       }
237       reader.readAsDataURL(e.files[0]);
238     }
239   }
</pre

```



```
240 }
241     document.getElementById('book-cover-display').addEventListener("error", function() {
242         this.src = "images/default-book-cover.png";
243     });
244 
```

```
245 </script>
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 ×
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         ?>
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"] . "' onclick='return confirm("Approve " . $details["usersUsername"] . " (" . $details["usersEmail"] . ")?")" . '>Approve</a>";?></td>
46                                 <td><?php echo "<a href='includes/reject_librarian_signup_request.inc.php?subject=" . $details["userId"] . "' onclick='return confirm("Reject " . $details["usersUsername"] . " (" . $details["usersEmail"] . ")?")" . '>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         ?>
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"] . "' onclick='return confirm("Remove librarian privileges for " . $details["usersUsername"] . " (" . $details["usersEmail"] . ")?")" . '>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
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                 <img class="book-cover" src=<?php if ($book["booksCoverImage"] == "default-book-cover.png") {echo "images/default-book-cover.png";} else {echo "uploads/book-covers/" . $book["booksCoverImage"];}?> 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 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 usersid = '" . $_SESSION["userid"] . "'"));
104
105         if ((int)$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     </div>
120
121     <div id="disqus_thread"></div>
122     <script>
123         /**
124          * RECOMMENDED CONFIGURATION VARIABLES: EDIT AND UNCOMMENT THE SECTION BELOW TO INSERT DYNAMIC VALUES FROM YOUR PLATFORM OR CMS.
125          * LEARN WHY DEFINING THESE VARIABLES IS IMPORTANT: https://disqus.com/admin/universalcode/#configuration-variables
126         */
127         var disqus_config = function () {
128             this.page.url = PAGE_URL; // Replace PAGE_URL with your page's canonical URL variable
129             this.page.identifier = PAGE_IDENTIFIER; // Replace PAGE_IDENTIFIER with your page's unique identifier variable
130         };
131
132         (function() { // DON'T EDIT BELOW THIS LINE
133             var d = document, s = d.createElement('script');
134             s.src = 'https://pathfinderlibms.disqus.com/embed.js';
135             s.setAttribute('data-timestamp', +new Date());
136             (d.head || d.body.appendChild(s));
137         })();
138     </script>
139     <noscript>Please enable JavaScript to view the <a href="https://disqus.com/?ref_noscript">comments powered by Disqus.</a></noscript>
140
141     <?php include_once 'footer.php';?>

```

## Books.php

```
books.php X
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             <div 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
19                         <input type="checkbox" class="switch" id="option1" name="option1" value="booksTitle">
20                         <label for="option1"> Book Title</label><br>
21
22                         <input type="checkbox" class="switch" id="option2" name="option2" value="booksISBN">
23                         <label for="option2"> ISBN</label><br>
24
25                         <input type="checkbox" class="switch" id="option3" name="option3" value="booksAuthor">
26                         <label for="option3"> Author</label><br>
27
28                         <input type="checkbox" class="switch" id="option4" name="option4" value="booksCategory">
29                         <label for="option4"> Category</label><br>
30
31                         <input type="checkbox" class="switch" id="option5" name="option5" value="booksYear">
32                         <label for="option5"> Published Year</label><br>
33
34                         <input type="checkbox" class="switch" id="option6" name="option6" value="booksPublisher">
35                         <label for="option6"> Publisher</label><br>
36
37                         <input type="checkbox" class="switch" id="option7" name="option7" value="booksShelf">
38                         <label for="option7"> Shelf</label><br>
39
40                         <input type="checkbox" class="switch" id="option8" name="option8" value="booksLanguage">
41                         <label for="option8"> Language</label><br>
42                         <small class="respond" id="rsp_option"></small>
43
44             </div>
45
46             <div class="form-field">
47                 <i class="fas fa-search"></i>
48                 <label for="searchValue"></label>
49                 <input type="text" id="searchValue" name="searchValue" placeholder="Enter Keyword" value="<?php if(isset($_GET["searchValue"])) {echo $_GET["searchValue"];}?>">
50                 <small class="respond" id="rsp_searchValue"></small>
51                 <button type="submit">Search</button>
52
53             </div>
54
55             <div class="form-field">
56                 <label for="order">Order By:</label>
57                 <select name="order" id="order">
58                     <option value="booksTitle">Title</option>
59                     <option value="booksYear">Published Year</option>
60                     <option value="booksCategory">Category</option>
61                     <option value="booksAuthor">Author</option>
62                     <option value="booksPublisher">Publisher</option>
63                     <option value="booksShelf">Shelf</option>
64                     <option value="booksLanguage">Language</option>
65
66             </select>
67
68         </div>
69
70     </div>
71
72     <div class="result-container">
73         <ol class="result-inner">
74
75             <ol>
76
77         </div>
78
79         <div class="pagination">
80             <nav class="pagination-inner">
81                 <a href="#" id="first" class="button">
82                     <span><<</span>
83                 </a>
84                 <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    <script>
106      // search book form
107      const searchForm = document.getElementById("search");
108      const checkAll = document.getElementById("options");
109      const checkboxes = Array.from(document.getElementsByClassName("switch"));
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139

```

```

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 Available'</span>
243                 <br>
244                 <b class="desc-header">Description</b>
245                 <button class="show-desc"> Show Description </button>
246                 <div class="desc">${list[i].detail}</div>
247             </section>
248         </li>
249     `;
250     element.innerHTML += row;
251 }
252 Array.from(document.getElementsByClassName("show-desc")).forEach((el) => {
253     el.addEventListener("click", function() {
254         event.preventDefault();
255         const target = event.currentTarget;
256         accordion(target, false);
257     });
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     if (maxRight > pages) {
306

```

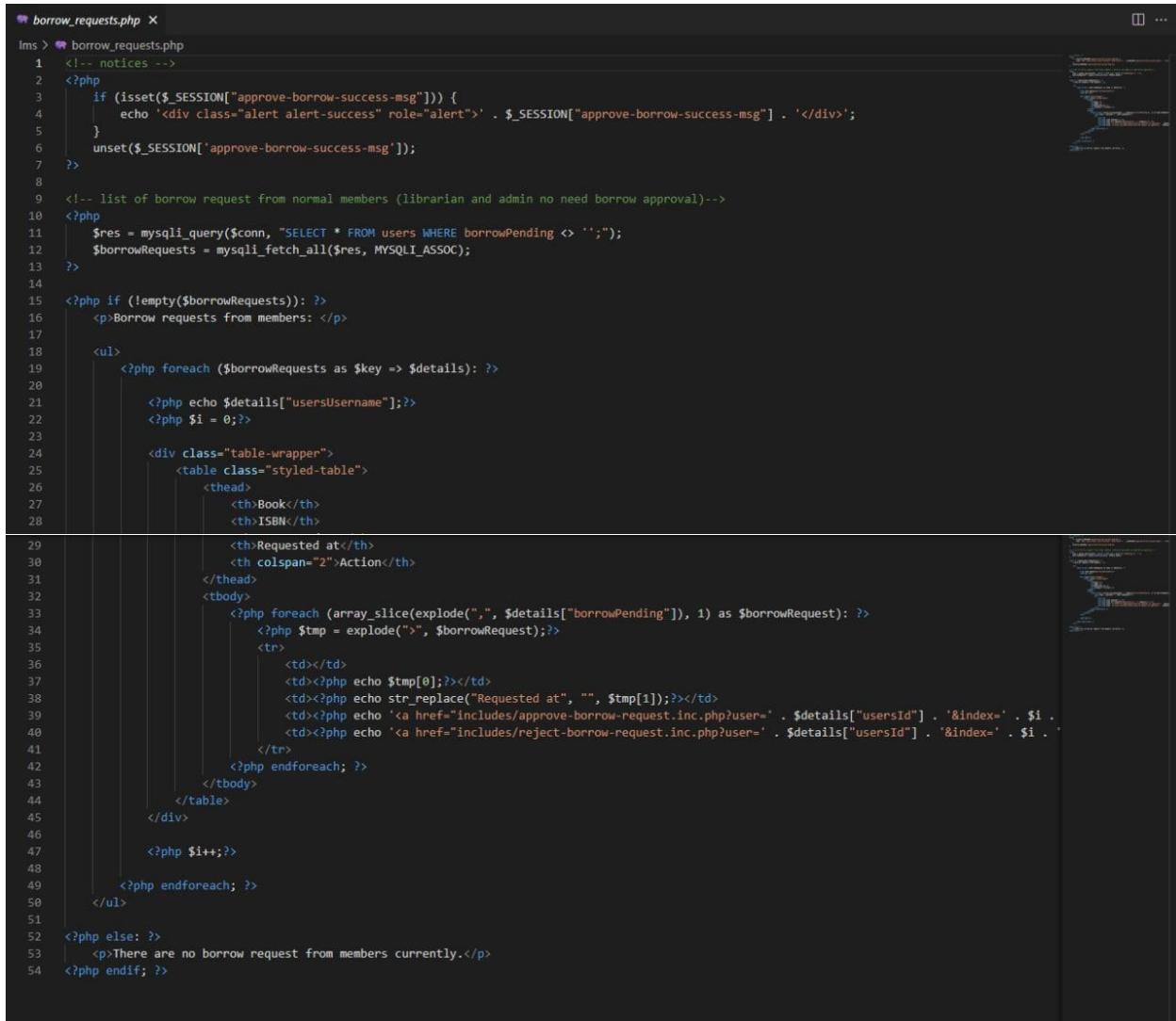
```

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 window.addEventListener("load", function() {
335     checkAll.click();
336
337     if (retrieve()) {
338         ajaxRequest();
339     }
340 });
341
342 searchForm.addEventListener("submit", function(event){
343     event.preventDefault();
344
345     if (retrieve()) {
346         ajaxRequest();
347     }
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)) {

```

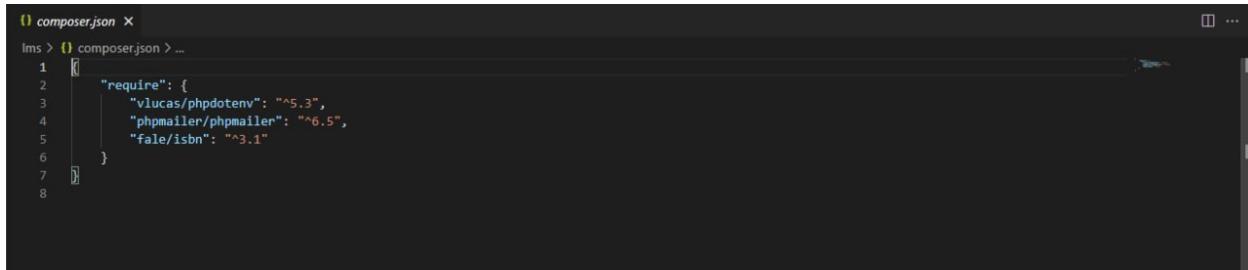
```
391         rspEl.textContent = "Out of range!";
392     }
393 }
394 rspEl.textContent = "";
395 jumpToPage(page);
396 });
397 </script>
398 <?php include_once 'footer.php'?>
```

## borrow\_requests.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
21             <?php echo $details["usersUsername"];?>
22             <?php $i = 0;?>
23
24             <div class="table-wrapper">
25                 <table class="styled-table">
26                     <thead>
27                         <th>Book</th>
28                         <th>ISBN</th>
29                         <th>Requested at</th>
30                         <th colspan="2">Action</th>
31                 </thead>
32                 <tbody>
33                     <?php foreach (array_slice(explode(",", $details["borrowPending"])), 1) as $borrowRequest: ?>
34                         <?php $tmp = explode(">", $borrowRequest);?>
35                         <tr>
36                             <td></td>
37                             <td><?php echo $tmp[0];?></td>
38                             <td><?php echo str_replace("Requested at", "", $tmp[1]);?></td>
39                             <td><a href="includes/approve-borrow-request.inc.php?user=" . $details["userId"] . '&index=' . $i . '>Approve</a></td>
40                             <td><a href="includes/reject-borrow-request.inc.php?user=" . $details["userId"] . '&index=' . $i . '>Reject</a></td>
41                         </tr>
42                     <?php endforeach; ?>
43                 </tbody>
44             </table>
45         </div>
46
47         <?php $i++;?>
48     <?php endforeach; ?>
49
50     <?php endif; ?>
51
52 <?php else: ?>
53     <p>There are no borrow request from members currently.</p>
54 <?php endif; ?>
```

## composer.json



```
composer.json
1 {
2     "require": [
3         "vlucas/phpdotenv": "^5.3",
4         "phpmailer/phpmailer": "^6.5",
5         "fale/isbn": "^3.1"
6     ]
7 }
8
```

## dashboard.php

```
dashboard.php X
Ims > 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($borrowRequests)): ?>
25     <h1>Borrow requests</h1>
26
27     <ul style="list-style-type: none; padding-left: 0;">
28         <?php foreach ($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" style="text-align: center;">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 . '>Approve</a>'; ?>
50                                 <td><?php echo '<a href="includes/reject-borrow-request.inc.php?user=' . $details["usersId"] . '&index=' . $i . '>Reject</a>'; ?>
51                             </tr>
52                         <?php endforeach; ?>
53                     </tbody>
54                 </table>
55             </div>
56
57             <?php $i++; ?>
58
59         <?php endforeach; ?>
60     </ul>
61
62     <?php else: ?>
63         <p>There are no borrow request from members currently.</p>
64     <?php endif; ?>
65
66     <hr>
67
68     <!-- list of issued books -->
69     <?php
70         $res = mysqli_query($conn, "SELECT usersUsername, borrowedBooks FROM users WHERE borrowedBooks <> '' ORDER BY usersUsername");
71         $issuedBooks = mysqli_fetch_all($res, MYSQLI_ASSOC);
72     ?>
73
74     <?php if (!empty($issuedBooks)): ?>
75         <h1>Issued books</h1>
76         <?php foreach ($issuedBooks as $issuedBook => $details): ?>
77             <?php echo $details["usersUsername"]; ?>
78             <div class="table-wrapper">
79                 <table class="styled-table">
80                     <thead>
81                         <th>Book</th>
82                         <th>ISBN</th>
83                         <th>Expiry date</th>
84                     </thead>
```

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

## edit\_account.php

```
edit_account.php x
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 userId = '$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 $_SERVER['QUERY_STRING'];?>">      <!--to send the query url in the head
63
64         <input type="hidden" name="changeUsername">
65         <button type="submit" class="btnSubmit" name="btnSubmit">Change Username</button>
66
67       </form>
68
69       <!-- change email -->
70       <form method="post" action="includes/edit-account.inc.php">
71         <hr><h3>Edit Email</h3>
72
73         <!-- errors -->
74         <?php
75           if (isset($_SESSION["edit-account-error-email"])) {
76             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-account-error-email"] . '</div>';
77           }
78           unset($_SESSION['edit-account-error-email']);
79         ?>
80
81         <div class="form-field">
82           <label for="email">Email: </label>
83           <input type="text" id="email" name="email" placeholder="Enter Email" value="<?php echo $user["usersEmail"]?>">
84           <small class="respond" id="rsp-email"></small>
85         </div>
```

```
85
86     <input type="hidden" name="profile-url" value="<?php echo $_SERVER['QUERY_STRING'];?>"      <!--to send the query url in the head
87
88     <input type="hidden" name="changeEmail">
89     <button type="submit" class="btnSubmit" name="btnSubmit">Change Email</button>
90
91 </form>
92
93 <!-- change password -->
94 <form method="post" id="" action="includes/edit-account.inc.php">
95     <hr><h3>Edit Password</h3>
96
97     <!-- errors -->
98     <?php
99         if (isset($_SESSION["edit-account-error-pwd"])) {
100             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-account-error-pwd"] . '</div>';
101         }
102         unset($_SESSION["edit-account-error-pwd"]);
103     ?>
104
105     <div class="form-field">
106         <label for="password">Old Password: </label>
107         <input type="password" id="old-password" name="old-password" placeholder="Enter Password">
108         <button type="button" id="view-old-password" class="view" data-view="false">
109             <i class="far fa-eye-slash"></i>
110         </button>
111         <small id="rsp-pwd"></small>
112     </div>
113
114     <div class="form-field">
115         <label for="password">New Password: </label>
116         <input type="password" id="new-password" name="new-password" placeholder="Enter Password">
117         <button type="button" id="view-new-password" class="view" data-view="false">
118             <i class="far fa-eye-slash"></i>
119         </button>
120         <small id="rsp-pwd"></small>
121     </div>
122
123     <div class="form-field">
124         <label for="confirm-password">Confirm New Password: </label>
125         <input type="password" id="confirm-new-password" name="confirm-new-password" placeholder="Repeat Password">
126         <button type="button" id="view-confirm-new-password" class="view" data-view="false">
127             <i class="far fa-eye-slash"></i>
128         </button>
129         <small id="rsp-con-apwd"></small>
130     </div>
131
132     <input type="hidden" name="profile-url" value="<?php echo $_SERVER['QUERY_STRING'];?>"      <!--to send the query url in the head
133
134     <input type="hidden" name="changePwd">
135     <button type="submit" class="btnSubmit" name="btnSubmit">Change Password</button>
136 </form>
137 </div>
138 </div>
139 </div>
```

```
141
142
143    <!-- js code for live validation --&gt;
144    &lt;script type="text/javascript" src="scripts/validation.js"&gt;&lt;/script&gt;
145    &lt;script&gt;
146
147        const vision_btns = document.getElementsByClassName("container-respond");
148        Array.from(document.getElementsByClassName("view")).forEach(item =&gt; {
149            item.addEventListener('click', event =&gt; {
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    &lt;/script&gt;
169
170    &lt;?php include_once 'footer.php';?&gt;</pre>
```

## **edit\_book.php**

```

80      <label>Book Covers</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 $targetISBN;?>" onclick="return confirm
86      ('Are you sure you want to reset this book's image to the default one? ')>reset to default book
87      cover</a>
88
89  </div>
90  </form>
91
92  <!-- edit isbn -->
93  <form class="book-info" action="includes/edit-book.inc.php" method="POST">
94      <div class="form-field">
95          <label for="isbn">ISBN Number: </label>
96          <?php
97              if (isset($_SESSION["edit-book-error-isbn"])) {
98                  echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-isbn"] . '</
99                  div>';
100                 unset($_SESSION['edit-book-error-isbn']);
101             }
102         ?>
103         <input type="text" id="isbn" name="isbn" placeholder="Enter ISBN number" value=<?php echo $book
104         ['booksISBN'];?>>
105         <small id="rsp-isbn"></small>
106
107         <input type="hidden" name="book-url" value=<?php echo $_SERVER['QUERY_STRING'];?>>
108         <input type="hidden" name="changeISBN">
109         <button type="submit" id="btnSubmit" name="btnSubmit">Change ISBN</button>
110     </div>
111  </form>
112
113  <!-- edit quantity -->
114  <form class="book-info" action="includes/edit-book.inc.php" method="POST">
115      <div class="form-field">
116          <label for="quantity">Quantity: </label>
117          <?php
118              if (isset($_SESSION["edit-book-error-quantity"])) {
119                  echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-quantity"] . '</
120                  div>';
121                 unset($_SESSION['edit-book-error-quantity']);
122             }
123         ?>
124         <input type="number" id="quantity" name="quantity" placeholder="Enter quantity" value=<?php echo $book
125         ['booksQuantity'];?>>
126         <small id="rsp-quantity"></small>
127         <input type="hidden" name="book-url" value=<?php echo $_SERVER['QUERY_STRING'];?>>
128         <input type="hidden" name="changeQuantity">
129         <button type="submit" id="btnSubmit" name="btnSubmit">Change Quantity</button>
130     </div>
131  </form>
132
133  <!-- edit title -->
134  <form class="book-info" action="includes/edit-book.inc.php" method="POST">
135      <div class="form-field">
136          <label for="title">Title: </label>
137          <?php
138              if (isset($_SESSION["edit-book-error-title"])) {
139                  echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-title"] . '</
140                  div>';
141                 unset($_SESSION['edit-book-error-title']);
142             }
143         ?>
144         <input type="text" id="title" name="title" placeholder="Enter title" value=<?php echo $book
145         ['booksTitle'];?>>
146         <small id="rsp-title"></small>
147         <input type="hidden" name="book-url" value=<?php echo $_SERVER['QUERY_STRING'];?>>
148         <input type="hidden" name="changeTitle">
149         <button type="submit" id="btnSubmit" name="btnSubmit">Change Title</button>
150     </div>
151  </form>
152
153  <!-- edit author -->
154  <form class="book-info" action="includes/edit-book.inc.php" method="POST">
155      <div class="form-field">
156          <label for="author">Author: </label>
157          <?php
158              if (isset($_SESSION["edit-book-error-author"])) {
159                  echo '<div class="alert alert-danger" role="alert">' . $_SESSION["edit-book-error-author"] . '</
160                  div>';
161                 unset($_SESSION['edit-book-error-author']);
162             }
163         ?>

```

```

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```

```

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   <input list="language-list" name="language" value=<?php echo $book['booksLanguage'];?>" placeholder="Enter language">
240   <datalist id="language-list">
241     <option value="English">
242     <option value="Mandarin Chinese">
243     <option value="Hindi">
244     <option value="Spanish">
245     <option value="Standard Arabic">
246     <option value="Bengali">
247     <option value="French">
248     <option value="Russian">
249     <option value="Portuguese">
250     <option value="Urdu">
251     <option value="Indonesian">
252     <option value="Standard German">
253     <option value="Japanese">
254     <option value="Marathi">
255     <option value="Telugu">
256     <option value="Turkish">
257     <option value="Tamil">
258     <option value="Korean">
259   </datalist>
260   <small id="rsp-language"></small>
261   <input type="hidden" name="book-url" value=<?php echo $_SERVER['QUERY_STRING'];?>">
262   <input type="hidden" name="changeLanguage">
263   <button type="submit" id="btnSubmit" name="btnSubmit">Change Language</button>
264   </div>
265 </form>
266
267 <!-- edit price -->
268 <form class="book-info" action="includes/edit-book.inc.php" method="POST">
269   <div class="form-field">
270     <label for="price">Price: </label>
271     <?php
272       if (isset($_SESSION['edit-book-error-price'])) {
273           echo '<div class="alert alert-danger" role="alert">' . $_SESSION['edit-book-error-price'] . '</div>';
274           unset($_SESSION['edit-book-error-price']);
275       }
276     >
277     <input type="text" name="currency-field" id="currency-field" pattern="^\$?\d{1,3}(\,\d{3})*(\.\d+)?$"
278       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     }

```

```

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

```

## feedback.php

```
feedback.php ×
Ims > 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 <?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/" target="_blank"><span class="fab fa-facebook-f"></span></a>
10            <a title="Follow and like us on Instagram" href="https://www.instagram.com/pathfinderlibms/" target="_blank"><span class="fab fa-instagram"></span></a>
11            <a title="Give us a star on Github" href="https://github.com/jPRO-22/pathfinder" target="_blank"><span class="fab fa-github"></span></a>
12          </nav>
13        </div>
14      </div>
15    </div>
16  </div>
17
18  <div class="operating-hours">
19    <h4>Opening Hours</h4>
20    <table class="timetable">
21      <thead>
22        <th>Weekdays</th>
23        <th>Recess</th>
24        <th>|</th>
25        <th>After School</th>
26      </thead>
27      <tbody>
28        <tr>
29          <td>Monday:</td>
30          <td>10:20-11:20</td>
31          <td>|</td>
32          <td>14:00-16:00</td>
33        </tr>
34        <tr>
35          <td>Tuesday:</td>
36          <td>10:20-11:20</td>
37          <td>|</td>
38          <td>14:00-16:00</td>
39        </tr>
40        <tr>
41          <td>Wednesday:</td>
42          <td>10:00-11:00</td>
43          <td>|</td>
44          <td>Closed</td>
45        </tr>
46        <tr>
47          <td>Thursday:</td>
48          <td>10:20-11:20</td>
49          <td>|</td>
50          <td>14:00-16:00</td>
51        </tr>
52        <tr>
53          <td>Friday:</td>
54          <td>10:00-11:00</td>
55          <td>|</td>
56          <td>closed</td>
57        </tr>
58      </tbody>
59    </table>
60  </div>
61
62  <div class="footer__bottom">
63    &copy Pathfinder <?php echo date("Y");?> | Designed by Tan Ting Hong and Yeo Xian Hui from SMJK Yok Bin Melaka
64  </div>
65
66  <script id="dsq-count-scr" src="//pathfinderlibms.disqus.com/count.js" async></script>
67
68</body>
69</html>
```

header.php

```
header.php ×
Ims > header.php
1 <?php
2     session_start();
3 <?php
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
66         </div>
67         <nav class="header-nav">
68             <div class="menu">
69                 <span>
70                     <a href="#" class="btn-icon">
71                         <span class="btn-icon-wrapper">
72                             <i class="fas fa-ellipsis-v"></i>
73                         </span>
74                     </a>
75                 </span>
76             </div>
77
78             <ul class="menu-content">
79
80                 <li><a href="index.php">Home</a></li>
81                 <li><a href="books.php">Books</a></li>
82
83                 <?php
84                     if (isset($_SESSION['user_id'])) {
85
86                         <li><a href="profile.php">Profile</a></li>
87                         <li><a href="logout.php">Logout</a></li>
88
89                     </if>
90                 </?php>
91             </ul>
92
93         </nav>
94     </div>
95
96     <div class="right">
97
98         <div class="user-profile">
99             
100            <div>
101                <strong>John Doe</strong>
102                <small>Administrator</small>
103            </div>
104
105            <ul class="list-group">
106                <li>Recent Activity</li>
107                <li>View Profile</li>
108                <li>Logout</li>
109            </ul>
110
111        </div>
112
113    </div>
114
115 </header>
```

```

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 = '. $_SESSION["userid"] .';
118
119     function setFlagRead(notificationId) {
120         const xhr = new XMLHttpRequest();
121         xhr.open("POST", "includes/read-notification.inc.php", true);
122         xhr.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
123         xhr.send("notificationId=" + notificationId);
124     }
125
126     function getNotification() {
127         const xhr = new XMLHttpRequest();
128         xhr.open("POST", "includes/get-notification.inc.php", true);
129         xhr.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
130         xhr.onload = function() {
131             if(this.status === 200 ) {
132                 let response = this.responseText;
133                 let notifications = JSON.parse( response ); // create JSON object from response
134                 const container = document.getElementsByClassName("cont")[0];
135                 const nothing = document.getElementsByClassName("nothing")[0];
136
137                 let i, row, num = 0;
138                 if(notifications.length) {
139                     nothing.style.display = "none";
140                 }
141
142                 for (i = 0; i < notifications.length; i++){
143                     let notificationId = notifications[i].id;
144                     let time = notifications[i].timestamp;
145                     let text = notifications[i].text;
146                     let read = notifications[i].read;
147
148                     if (typeof read == "string") {
149                         read = parseInt(read);
150                     }
151
152                     let className = "sec";
153                     if(!read) {
154                         num++;
155                         className += " new"
156                     }
157
158                     row = `<div id="${notificationId}" class="${className}">
159                         <div class="txt">${text}</div>
160                         <div class="sub">${time}</div>
161                     </div>
162
163                     container.innerHTML = row + container.innerHTML;
164
165                     // add notification into your HTML here
166                 }
167                 if(num) {
168

```

```
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 xhr.send("user="+user);
187 }
188 getNotification();
189 </script>;
190 }>
191
192
```

## index.php

```
index.php ×
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"
7  integrity="sha512-17EgCFRpgZKm0j0fEq1YCJuAWdz9KUtvEjVuaOz8pDnh/0nZmU6BBXwaaxqoi9PQXnRWqlcDB027hgV9A==" crossorigin="anonymous"
8  referrerPolicy="no-referrer" />
9  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.9.0/slick.min.css" integrity="sha512-yHknP1Aw+txZ6CBy0cjvQUmEa2PFtIc9LIS4pRQ5NOTZFWbhBig+X9G9eYW/8m0/40XNx8pxJ6z57x0dw==" crossorigin="anonymous" referrerPolicy="no-referrer" />
10
11 <div class="page-wrapper">
12   <?php include_once 'sidebar.php'?>
13
14  <?php
15    if (!isset($_SESSION["userid"])) {
16      $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))["usersType"];
17
18      echo '<h1 class="welcome">Welcome back, ' . $_SESSION["username"] . '</h1>';
19
20      if (!isset($_SESSION["reminderPushed"])) {
21
22        $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"));
23
24        // list of books borrowed
25        $borrowedBooks = array_slice(explode(",", $user["borrowedBooks"]), 1);
26
27        if (!empty($borrowedBooks)) {
28          foreach ($borrowedBooks as $borrowedBook) {
29            $notification = "";
30            $tmp = explode(">", $borrowedBook);
31            $isbn = $tmp[0];
32            $expirydate = $tmp[1];
33
34            $diff = (strtotime($expirydate) - strtotime('today')) / 24 / 60 / 60;
35
36            if ($diff < 0) {
37              $status = "late";
38            } else if ($diff == 0) {
39              $status = "today";
40            } else if ($diff == 1) {
41              $status = "tomorrow";
42            }
43
44            $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE bookISBN = '$isbn'"));
45            $title = $book["bookTitle"];
46
47            if (isset($status)) {
48              if ($status == "late") {
49                $notification = "$title ($isbn) has already reached the deadline. Please return it at your profile. ";
50              } elseif ($status == "today" || $status == "tomorrow") {
51                $notification = "$title ($isbn) has is due by $status. Remember to return it.";
52              }
53              mysqli_query($conn, "INSERT INTO `notification` (userId, `text`) VALUES (" . $_SESSION["userid"] . ", '$notification');");
54            }
55
56            unset($status);
57          }
58        }
59        $_SESSION["reminderPushed"] = true;
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>
```

```

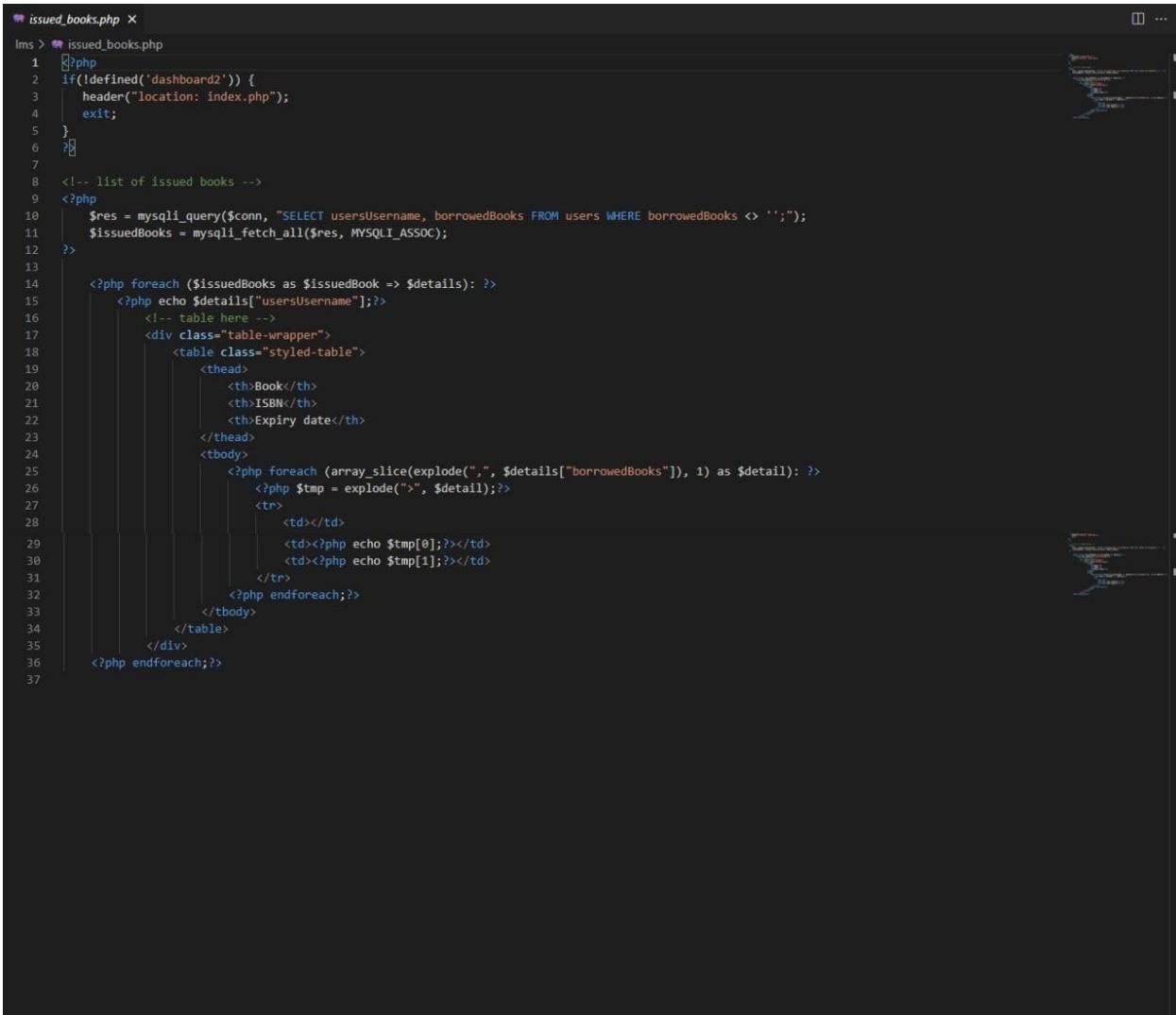
82
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160
161
162

```

```

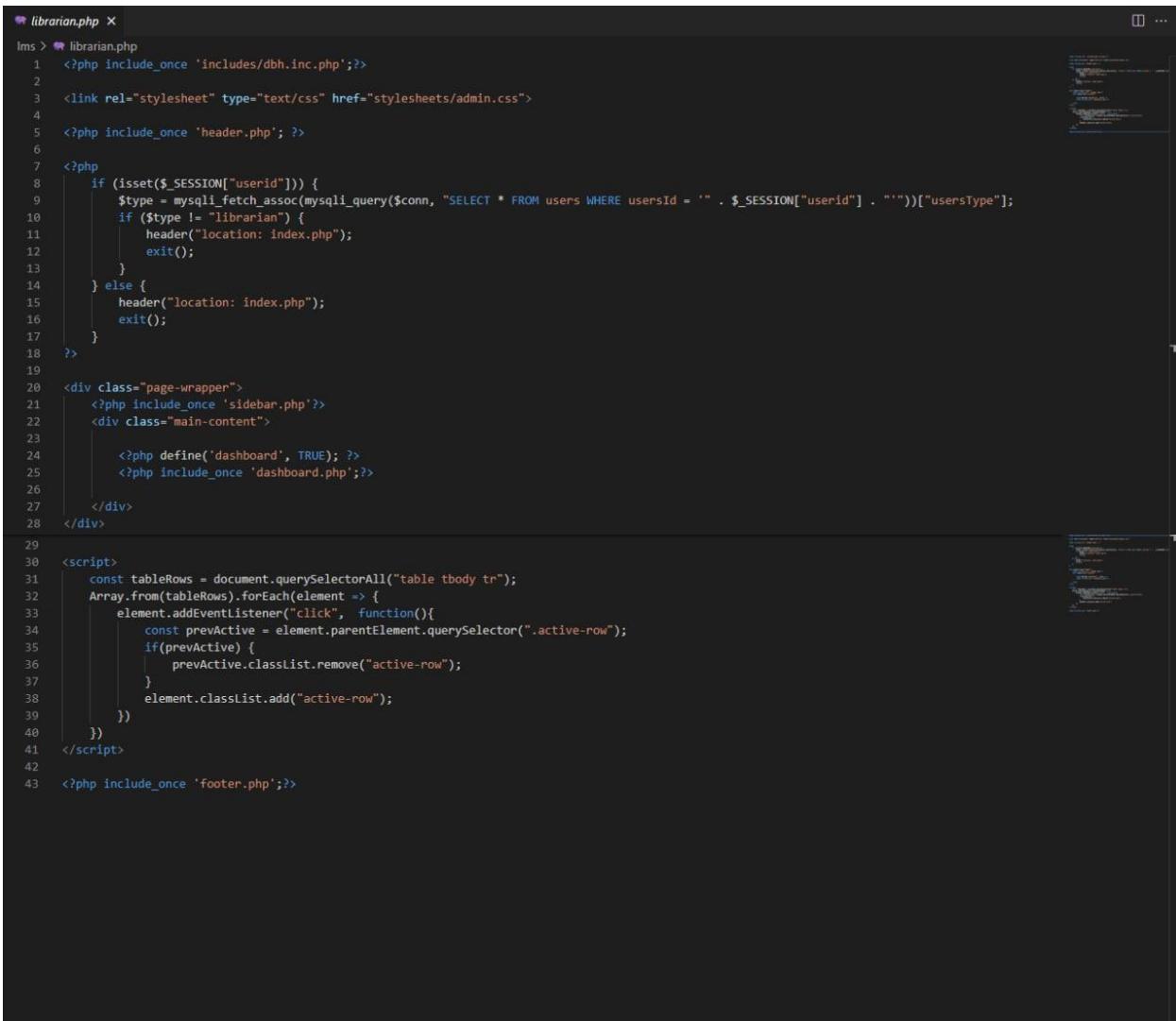
163
164     <?php
165     $sql = "SELECT booksCoverImage FROM books WHERE booksCoverImage != 'default-book-cover.png' ORDER BY dateAdded
166     LIMIT 10;";
167
168     if($result = mysqli_query($conn, $sql)) {
169         while($row = mysqli_fetch_assoc($result)) {
170             $image = $row["booksCoverImage"];
171             echo "<div class='slide-item'>
172                 <div class='image-container'>
173                     <img src='uploads/book-covers/$image' alt=''
174                 </div>
175             </div>
176         </div>
177     </div>
178     </div>
179     </div>
180     </div>
181     </section>
182 </div>
183
184 </div>
185 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
186 <script src="https://cdnjs.cloudflare.com/ajax/libs/slick-carousel/1.9.0/slick.min.js" integrity="sha512-HGOnQ09+SP1V925rtZfjqxtLmVzqZpjFFekvzZWmoASSQgSr4cw9Kqd2+18Llp4Gm@G8GIFJ4ddwZilcdb8A==" crossorigin="anonymous" referrerpolicy="no-referrer"></
187 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
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><?php echo $tmp[0];?></td>
29                                <td><?php echo $tmp[1];?></td>
30                            </tr>
31
32                        <?php endforeach;?>
33                    </tbody>
34                </table>
35            </div>
36    <?php endforeach;?>
37
```

## librarian.php



```
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
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
43             </div>
44
45             <div class="form-field">
46                 <i class="fas fa-search"></i>
47                 <label for="searchValue"></label>
48                 <input type="text" id="searchValue" name="searchValue" placeholder="Enter Keyword" value="<?php if(isset($_GET["searchValue"])) { echo $_GET["searchValue"]; } ?>">
49                 <small class="respond" id="rsp_searchValue"></small>
50                 <button type="submit">Search</button>
51             </div>
52
53             <div class="form-field">
54                 <label for="order">Order By:</label>
55                 <select name="order" id="orden">
56                     <option value="booksTitle">Title</option>
57                     <option value="booksYear">Published Year</option>
58                     <option value="booksCategory">Category</option>
59                     <option value="booksAuthor">Author</option>
60                     <option value="booksPublisher">Publisher</option>
61                     <option value="booksShelf">Shelf</option>
62                     <option value="booksLanguage">Language</option>
63                 </select>
64             </div>
65         </div>
66     </form>
67 </div>
68 <div class="msg">
69
70     <!-- notices -->
71     <?php
72         if (isset($_SESSION["delete-book-success-msg"])) {
73             echo '<div class="alert alert-success" role="alert">' . $_SESSION["delete-book-success-msg"] . '</div>';
74         }
75         unset($_SESSION['delete-book-success-msg']);
76
77         if (isset($_SESSION["book-not-deleted"])) {
78             echo '<div class="alert alert-danger" role="alert">' . $_SESSION["book-not-deleted"] . '</div>';
79         }
80         unset($_SESSION['book-not-deleted']);
81
82     ?>
```

```

84
85     <div class="result-container">
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
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
197
198
199
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-containen">
243                 <div class="book-cover-wrappen">
244                     
245                 </div>
246             <section class="content-preview">
247                 <div class="header">
248                     <h3><a href="book.php?id=${list[i].isbn}">${list[i].title}</a></h3>
249                 </div>
250                 <span>ISBN: ${list[i].isbn}</span>
251                 <span><span class="checkmark"></span> In stock</span>
252                 <b class="desc-header">Description</b>
253                 <button class="show-desc"> Show Description </button>
254                 <div class="desc">${list[i].detail}</div>
255                 <div class="controller">
256                     <a href="edit_book.php?id=${list[i].isbn}">Edit</a>
257                     <a href="includes/delete-book.inc.php?id=${list[i].isbn}" onclick="return confirm('Are you sure you want to
258                         delete the book named "${list[i].title}"?')>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 const jumpToPage = (index) => {
275     if (typeof index == "string") {
276         index = parseInt(index)
277     }

```

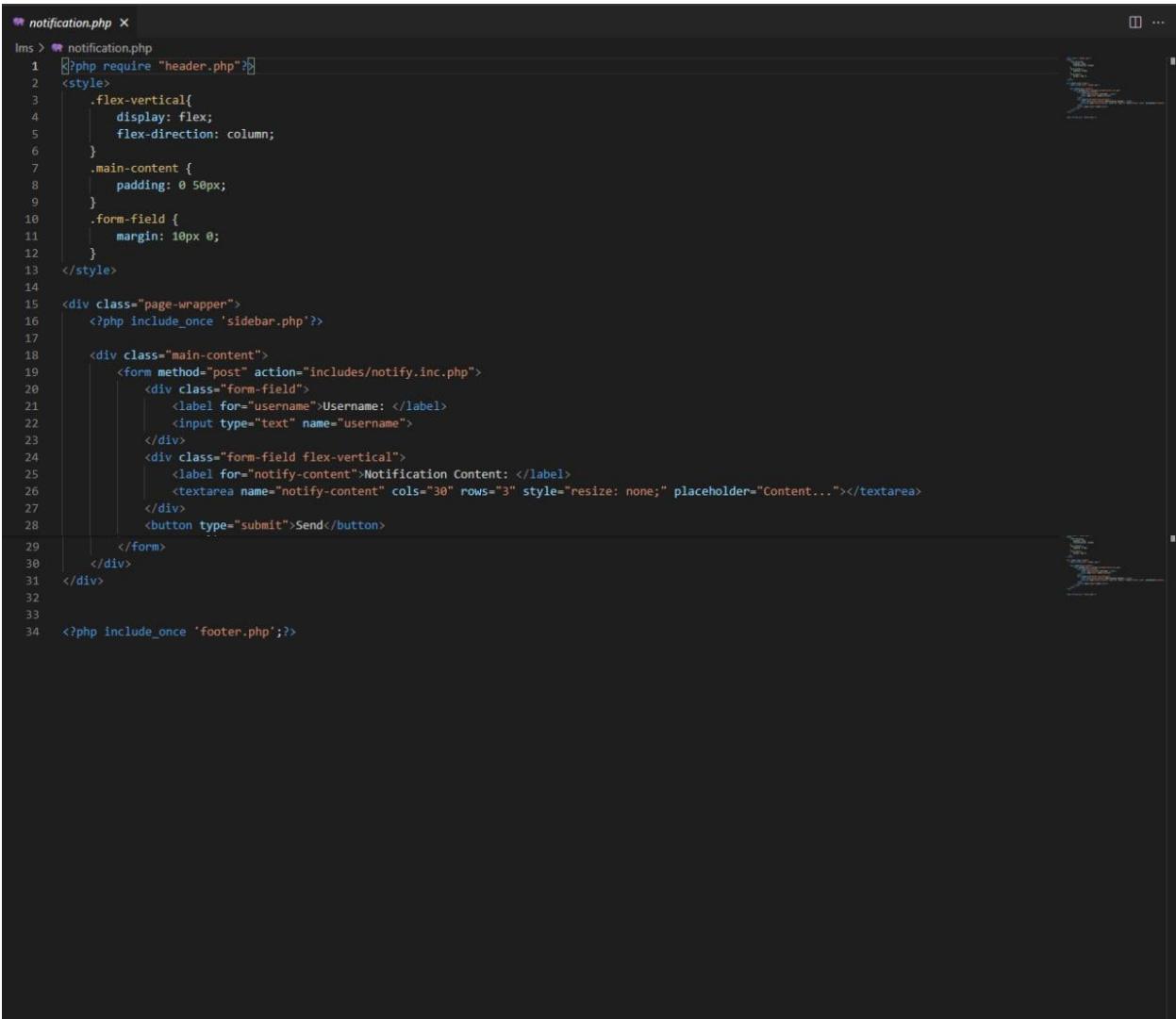
```

279     if(state.currentPage == index){
280         return false;
281     }
282     state.currentPage = index;
283     ajaxRequest();
284 };
285
286 function pagination(pages) {
287     const maxPage = 3;
288     let current = state.currentPage;
289
290     firstPage.value = 1;
291     lastPage.value = pages;
292
293     if (pages == 1) {
294         prevPage.value = nextPage.value = 1;
295     } else {
296         if(current > 1) {
297             prevPage.value = current - 1;
298         } else {
299             prevPage.value = 1;
300         }
301
302         if(current < pages) {
303             nextPage.value = current + 1;
304         } else {
305             nextPage.value = pages;
306         }
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'?>
```

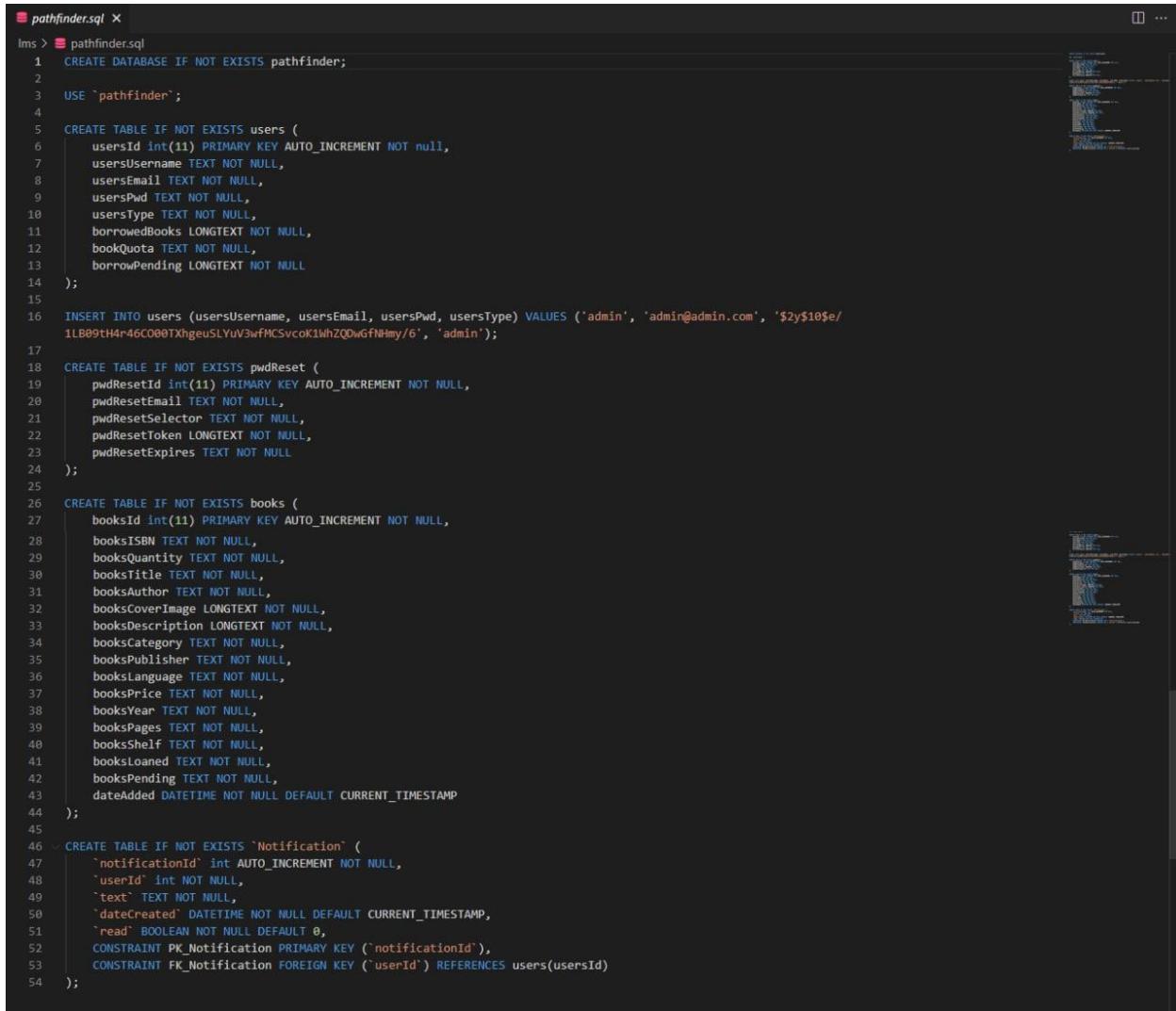
## notification.php



A screenshot of a code editor window titled "notification.php". The code is written in PHP and HTML. It includes a header require, CSS styles for layout, and a form for sending notifications. The code is numbered from 1 to 34.

```
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



The screenshot shows a code editor window with the file 'pathfinder.sql' open. The code is a SQL script for creating a database named 'pathfinder' and its tables. The script includes table definitions for 'users', 'pwdReset', 'books', and 'Notification', along with an insert statement for a user and a constraint definition.

```
pathfinder.sql ×
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/1LB80tHAr46C000Txhgeu5LYu3wvMCsvcoK1WhZQwGfN#my/6', 'admin');
17
18 CREATE TABLE IF NOT EXISTS pwdReset (
19     pwdResetId int(11) PRIMARY KEY AUTO_INCREMENT NOT NULL,
20     pwdResetEmail TEXT NOT NULL,
21     pwdResetSelector TEXT NOT NULL,
22     pwdResetToken LONGTEXT NOT NULL,
23     pwdResetExpires TEXT NOT NULL
24 );
25
26 CREATE TABLE IF NOT EXISTS books (
27     booksId int(11) PRIMARY KEY AUTO_INCREMENT NOT NULL,
28     booksISBN TEXT NOT NULL,
29     booksQuantity TEXT NOT NULL,
30     booksTitle TEXT NOT NULL,
31     booksAuthor TEXT NOT NULL,
32     booksCoverImage LONGTEXT NOT NULL,
33     booksDescription LONGTEXT NOT NULL,
34     booksCategory TEXT NOT NULL,
35     booksPublisher TEXT NOT NULL,
36     booksLanguage TEXT NOT NULL,
37     booksPrice TEXT NOT NULL,
38     booksYear TEXT NOT NULL,
39     booksPages TEXT NOT NULL,
40     booksShelf TEXT NOT NULL,
41     booksLoaned TEXT NOT NULL,
42     booksPending TEXT NOT NULL,
43     dateAdded DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP
44 );
45
46 ~ CREATE TABLE IF NOT EXISTS `Notification` (
47     `notificationId` int AUTO_INCREMENT NOT NULL,
48     `userId` int NOT NULL,
49     `text` TEXT NOT NULL,
50     `dateCreated` DATETIME NOT NULL DEFAULT CURRENT_TIMESTAMP,
51     `read` BOOLEAN NOT NULL DEFAULT 0,
52     CONSTRAINT PK_Notification PRIMARY KEY (`notificationId`),
53     CONSTRAINT FK_Notification FOREIGN KEY (`userId`) REFERENCES users(usersId)
54 );
```

## profile.php

```
profile.php ×
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["userusername"];
24             $user = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = " . $_SESSION["userid"] . ""));
25             $type = $user["userType"];
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. &quot;)'>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"] . ";" . "[borrowPending]");
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                         foreach ($usersBorrowPending as $borrowPending) {
67                             $tmp = explode(":", $borrowPending);
68                             echo "<tr>
69                             <td>" . mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = " . $tmp[0] . ""))["booksTitle"] . "</td>
70                             <td>" . $tmp[0] . "</td>
71                             <td>" . str_replace("Requested at", "", $tmp[1]) . "</td>
72                             </tr>
73                         ";
74                     }
75                     echo "</tbody>
76                 </table>
77             </div>
78         ";
    
```

```

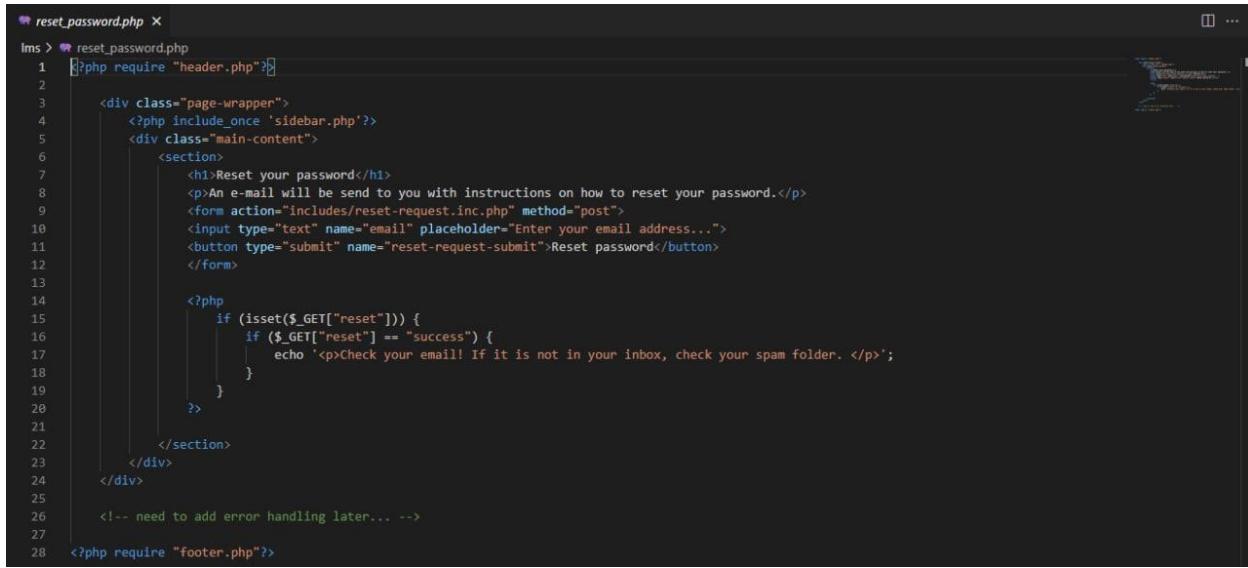
79      }
80
81      // edit profile
82      echo "<a href='edit_account.php?subject=" . $_SESSION["userid"] . "'>Edit account</a><br>";
83
84      echo "<hr>";
85
86      // notices
87      if (isset($_SESSION["return-book-success-msg"])) {
88          echo '<div class="alert alert-success" role="alert">' . $_SESSION["return-book-success-msg"] . '</div>';
89      }
90      unset($_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 booksISBN = '$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     }
152 }
153 ?>
154 </div>
155 <script>
156     const returnBook = document.getElementsByClassName("return");
157     const modalBox = document.getElementsByClassName("modal-box")[0];
158     const modalContent = document.getElementsByClassName("modal-content")[0];
159
160     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></div>
185 |                         </div>
186 |                     
187 |                 </div>
188 |                 <div class="right">
189 |             `;
190 |             modalBox.style.display = "block";
191 |             modalBox.dataset.direct = element.href;
192 |
193 |             document.getElementsByClassName("modal-close")[0].addEventListener("click", function() {
194 |                 modalBox.style.display = "none";
195 |                 modalContent.innerHTML = "";
196 |                 modalBox.dataset.direct = "";
197 |             });
198 |
199 |             document.getElementsByClassName("modal-confirm")[0].addEventListener("click", function() {
200 |                 modalBox.style.display = "none";
201 |                 window.location.assign(modalBox.dataset.direct);
202 |             });
203 |
204 |             document.getElementsByClassName("book-cover")[0].addEventListener("load", function() {
205 |                 document.getElementsByClassName("lds-container")[0].style.display = "none";
206 |             });
207 |         );
208 |
209 |         window.onclick = function(event) {
210 |             if (event.target == modalBox) {
211 |                 modalBox.style.display = "none";
212 |                 modalContent.innerHTML = "";
213 |                 modalBox.dataset.direct = "";
214 |             }
215 |         }
216 |
217 |     
```

```
218 |     </script>
219 |     <?php include_once 'footer.php';?>
```

## reset-password.php



The screenshot shows a code editor window with the file 'reset\_password.php' open. The code is a PHP script for a password reset page. It includes a header require, a sidebar include, and a main content section with a form for entering an email. It also contains a conditional block for handling a 'reset' parameter from the URL.

```
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
25
26     <!-- need to add error handling later... -->
27
28 <?php require "footer.php"?>
```

## sidebar.php

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

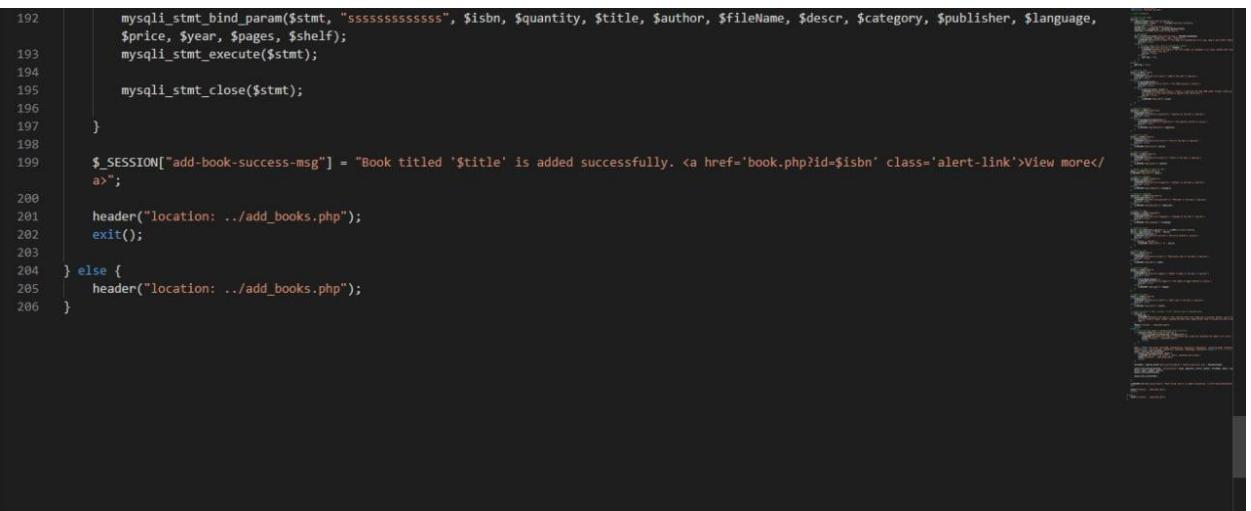
## add-books.inc.php

```
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"];
```

```

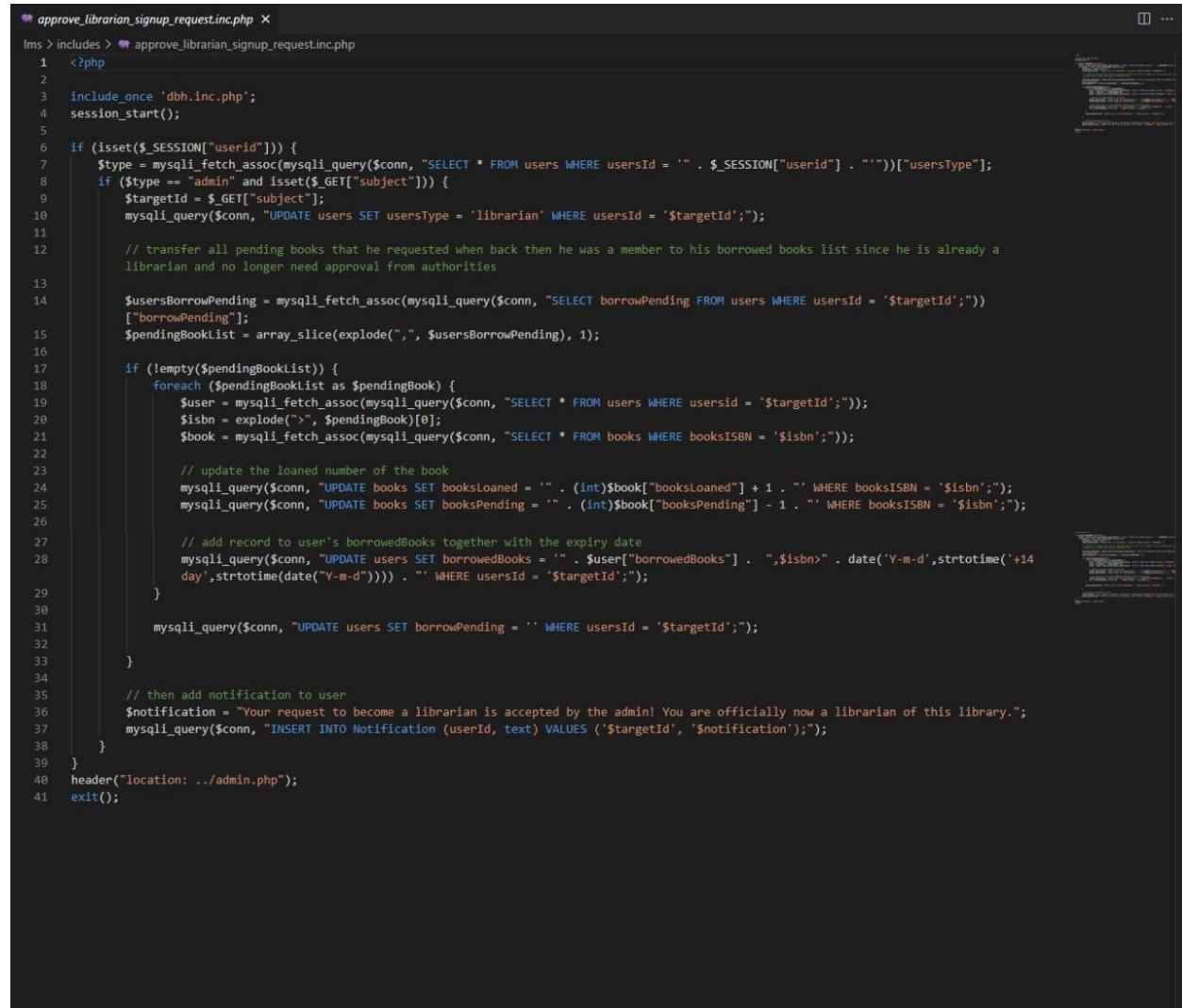
83     if (empty($author)) {
84         $_SESSION["add-book-error-author"] = "Author of the book is required.";
85         $all_ok = false;
86     } else {
87         $_SESSION["temp-author"] = $author;
88     }
89
90     // there's no need to check for descr
91     $descr = $_POST["description"];
92     $_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, "ssssssssss", $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 userId = '" . $_SESSION['userId'] . "'"))["usersType"];
8      if ($type == "admin" and isset($_GET["subject"])) {
9          $targetId = $_GET["subject"];
10         mysqli_query($conn, "UPDATE users SET usersType = 'librarian' WHERE userId = '$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 userId = '$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 userId = '$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 userId = '$targetId';");
32             }
33
34             mysqli_query($conn, "UPDATE users SET borrowPending = '' WHERE userId = '$targetId';");
35
36             // then add notification to user
37             $notification = "Your request to become a librarian is accepted by the admin! You are officially now a librarian of this library.";
38             mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$targetId', '$notification');");
39         }
40         header("location: ../admin.php");
41         exit();
42     }
43
44     // then add notification to user
45     $notification = "Your request to become a librarian is accepted by the admin! You are officially now a librarian of this library.";
46     mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$targetId', '$notification');");
47
48 }
```

## approve\_borrow\_request.inc.php

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

## borrow-book.inc.php

```
vim borrow-book.inc.php X
Ims > includes > 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["userType"] == "librarian" || $user["userType"] == "admin") {
26     // can straight away borrow, no need approval
27     // update the loaned number of the book
28     mysqli_query($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 . "&gt;" . date('Y-m-d', strtotime('+14 day', strtotime(date("Y-m-d")))) . " WHERE usersId = '" . $_SESSION["userid"] . "'");
32
33     $_SESSION["borrow-book-success-msg"] = "Book borrowed successfully.";
34
35 } else {
36     // add request since this is member, need approval
37     mysqli_query($conn, "UPDATE users SET borrowPending = " . $user["borrowPending"] . "," . $target . "&gt;Requested at " . date("l Y-m-d h:i:s") . " WHERE usersId = '" . $_SESSION["userid"] . "'");
38     $_SESSION["borrow-book-success-msg"] = "Borrow request is successfully sent. You will need to wait for any of the librarian's approval in order to bring the book home.";
39
40     mysqli_query($conn, "UPDATE books SET booksPending = " . (int)$book["booksPending"] + 1 . " WHERE booksISBN = '$target';");
41
42     // then add notification to admin
43     $notification = $user["usersUsername"] . " wants to borrow a book.";
44
45     $authorities = mysqli_query($conn, "SELECT usersId FROM users WHERE userType = 'admin' OR userType = 'librarian'");
46     while ($row = mysqli_fetch_assoc($authorities)) {
47         mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES (" . $row["usersId"] . ", '$notification');");
48     }
49 }
50
51 // update quota for every type of user, even though admin's can be ignored
52 mysqli_query($conn, "UPDATE users SET bookQuota = " . (int)$user["bookQuota"] + 1 . " WHERE usersId = '" . $_SESSION["userid"] . "'");
53
54 header("location: ../book.php?id=$target");
55 exit();
56</pre
```

## dbh.inc.php

```
dbh.inc.php
1 ?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
1 ?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
17     $isbn = $_GET["id"];
18
19     // validate id first
20     if (!invalidISBN($isbn)) {
21         // check whether if copies of book is borrowed already
22         $book = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM books WHERE booksISBN = '$isbn'"));
23         if ((int) $book["booksLoaned"] != 0) {
24             $_SESSION["book-not-deleted"] = "Book named '" . $book["booksTitle"] . " ($isbn)' is removed unsuccessfully. There are still copies
25             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.
26             ";
27         } else {
28             mysqli_query($conn, "DELETE FROM books WHERE booksISBN = '$isbn'");
29             unlink("../uploads/book-covers/" . $book["booksCoverImage"]);
30             $_SESSION["delete-book-success-msg"] = "Book named '" . $book["booksTitle"] . " ($isbn)' is removed successfully.";
31         }
32     }
33     header("location: ../manage_books.php");
34     exit();
35 }
```

## edit-account.inc.php

```
edit-account.inc.php
1 ?php
2
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["username"] = $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     else if (isset($_POST["changeEmail"])) {
54         $currentEmail = $user["email"];
55         $newEmail = $_POST["email"];
56
57         if (!empty($newEmail)) {
58             $sql = "UPDATE users SET email = ? WHERE userId = '$subjectId'";
59             $stmt = mysqli_stmt_init($conn);
60             if (!mysqli_stmt_prepare($stmt, $sql)) {
61                 $_SESSION["edit-account-error-username"] = "Sorry, something went wrong.";
62             }
63
64             mysqli_stmt_bind_param($stmt, "s", $newEmail);
65             mysqli_stmt_execute($stmt);
66
67             mysqli_stmt_close($stmt);
68
69             $_SESSION["username"] = $newEmail;
70
71             $_SESSION["edit-account-success-msg"] = "Email is updated. ";
72
73             // then add notification to user
74             $notification = "You changed your email. Not you? Contact the library admin as soon as possible.";
75             mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('$subjectId', '$notification');");
76         }
77     }
78 }
79
80 }
```

```

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                     $sql = "UPDATE users SET usersEmail = ? WHERE userId = '$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                 $sql = "UPDATE users SET usersPwd = ? WHERE userId = '$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        $_SESSION["edit-account-error-pwd"] = "Make sure you enter the old password, new password and confirm new password in order to change your password!";
120    }
121
122    // after changing one of the three datas...
123    header("location: ../edit_account.php?subject=$subjectId");
124
125 } else {
126     header("location: ../index.php");
127     exit();
128 }
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 while 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                     }
84                 }
85             }
86         }
87     }
88
89 }
```

```

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

```

```

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

```
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 ×
Ims > 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          $result = true;
26      } else {
27          $result = false;
28      }
29      return $result;
30  }
31
32  function invalidEmail($email) {
33      $result;
34      if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
35          $result = true;
36      } else {
37          $result = false;
38      }
39      return $result;
40  }
41
42  function pwdDontMatch($pwd, $pwdRepeat) {
43      $result;
44      if ($pwd != $pwdRepeat) {
45          $result = true;
46      } else {
47          $result = false;
48      }
49      return $result;
50  }
51
52  function usernameExists($conn, $username, $email) {
53      $sql = "SELECT * FROM users WHERE usersUsername = ? or usersEmail = ?";
54      $stmt = mysqli_stmt_init($conn);
55      if (!mysqli_stmt_prepare($stmt, $sql)) {
56          $_SESSION["signup-error"] = "Sorry, something went wrong.";
57          header("location: ../entry/signup.php");
58          exit();
59      }
60
61      mysqli_stmt_bind_param($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      }
}
```

```

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 userId = '" . $_SESSION["userId"] . "'"))["usersType"];
135
136         if ($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
148       ($year) || empty($pages) || empty($shelf)) {
149     $result = true;
150   } else {
151     $result = false;
152   }
153   return $result;
154 }
155
156 function invalidISBN($isbn_no) {
157   $isbn = new Isbn\Isbn();
158   $result;
159   if ($isbn->validation->isbn($isbn_no)) {
160     $result = false;
161   } else {
162     $result = true;
163   }
164   return $result;
165 }
166
167 function isbnExists($conn, $isbn_no) {
168   $result;
169   $sql = "SELECT * FROM books WHERE booksISBN = ?;";
170   $stmt = mysqli_stmt_init($conn);
171   if (!mysqli_stmt_prepare($stmt, $sql)) {
172     header("location: ../index.php?error=stmtfailed");
173     exit();
174   }
175   mysqli_stmt_bind_param($stmt, "s", $isbn_no);
176   mysqli_stmt_execute($stmt);
177
178   $resultData = mysqli_stmt_get_result($stmt);
179
180   if ($row = mysqli_fetch_assoc($resultData)) {
181     $result = true;
182   } else {
183     $result = false;
184   }
185
186   mysqli_stmt_close($stmt);
187
188   return $result;
189 }
190
191 function invalidQuantity($quantity) {
192   $result;
193   $filter_options = array(
194     'options' => array('min_range' => 1)
195   );
196
197   if (filter_var($quantity, FILTER_VALIDATE_INT, $filter_options) !== false) {
198     $result = false;
199   } else {
200     $result = true;
201   }
202   return $result;
203 }
204
205 function invalidPrice($price) {
206   $result;
207   $filter_options = array(
208     'options' => array('min_range' => 0)
209   );
210
211   if (filter_var($price, FILTER_VALIDATE_FLOAT, $filter_options) !== false) {
212     $result = false;
213   } else {
214     $result = true;
215   }
216   return $result;
217 }
218
219 function invalidPages($pages) {
220   $result;
221   $filter_options = array(
222     'options' => array('min_range' => 1)
223   );

```

```

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

```

## get-notification.php

```
get-notification.inc.php ×
lms > includes > get-notification.inc.php > ...
1 <?php include_once 'dbh.inc.php';?>
2 <?php
3
4     function getUserId($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    // $userId = getUserId($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 ×
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["userusername"] . "'");
10
11             // push notification to admin
12             $notification = $_SESSION["userusername"] . " quit being a librarian.";
13             mysqli_query($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 again, please contact an administrator.";
16
17             header("location: ../profile.php");
18             exit();
19         } else {
20             header("location: ../index.php");
21             exit();
22         }
23     } else {
24         header("location: ../index.php");
25         exit();
26     }
27 }
```

## login.inc.php

```
login.inc.php ×
Ims > 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 ×
Ims > 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)
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 userId = '" . $_SESSION["userid"] . "'"))["usersType"];
8     if ($type == "member") {
9
10         mysqli_query($conn, "UPDATE users SET userstype = 'librarian, pending' WHERE usersUsername = '" . $_SESSION["username"] . "'");
11
12         // then add notification to admin
13         $notification = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE userId = '" . $_SESSION["userid"] . "'"))
14         ["usersUsername"] . " requested to be a librarian.";
15         mysqli_query($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 }
```

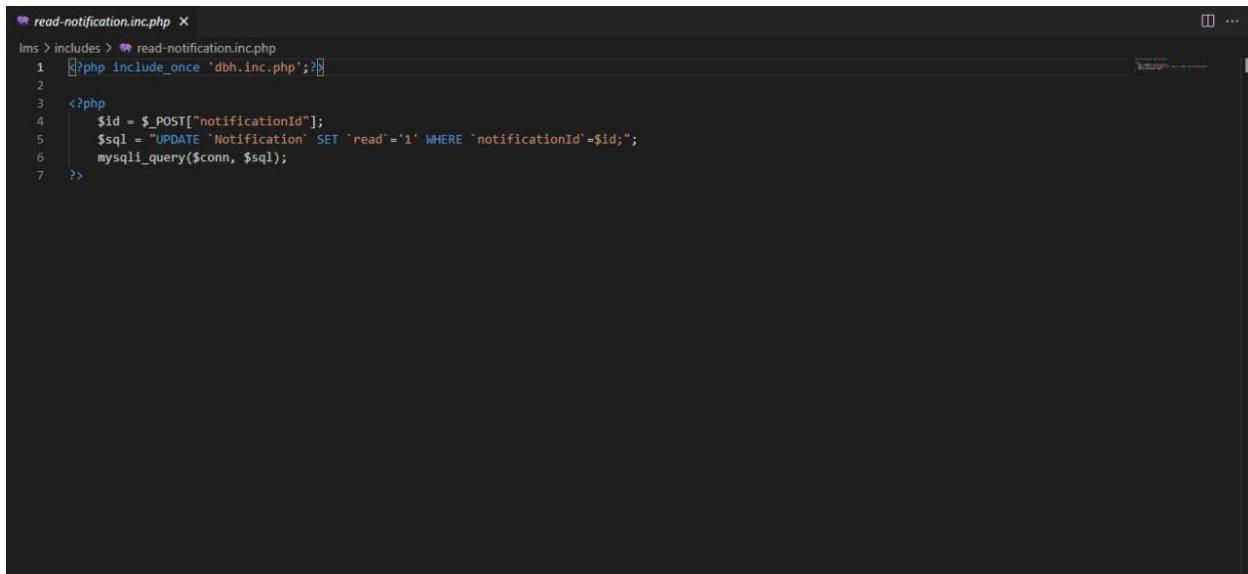
## notify.inc.php

```
(notify.inc.php)
1 <?php include_once 'dbh.inc.php';?>
2 <?php
3     function get_userId($db, $username) {
4         $sql = "SELECT userId FROM users WHERE usersUsername='$username';";
5         return mysqli_fetch_assoc(mysqli_query($db, $sql))['userId'];
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

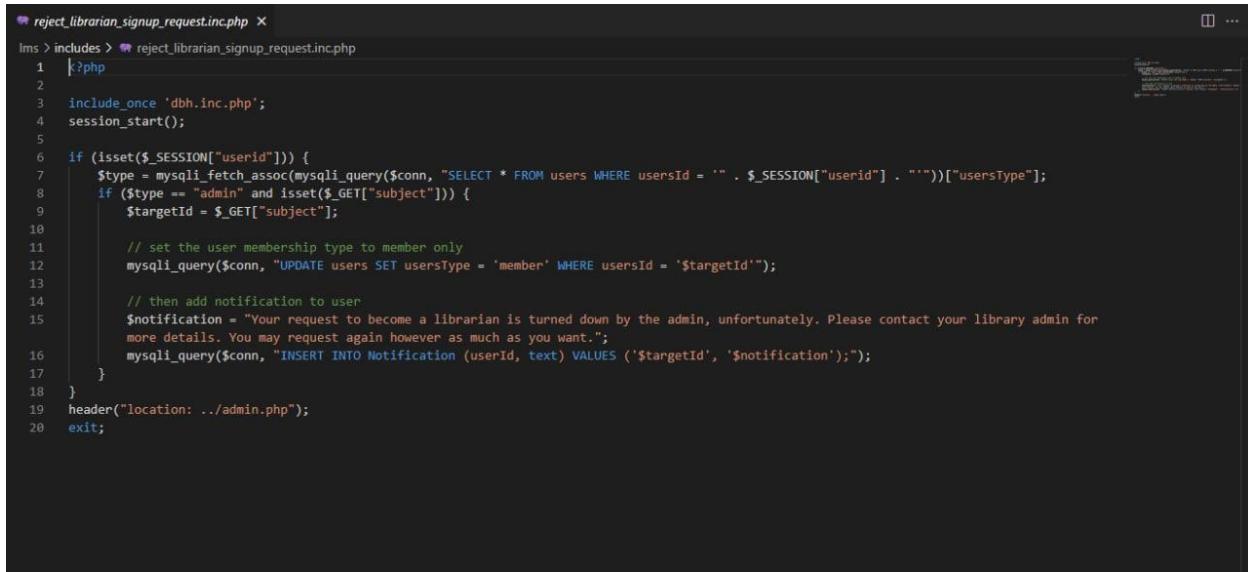
```
query_book.inc.php x
File includes > query_book.inc.php
1  <?php include_once 'dbh.inc.php'?>
2  <?php
3      // default settings
4      // $dflt_keysArr = Array();
5      // $dflt_keysArr[] = "booksTitle";
6      // $dflt_keysArr[] = "booksISBN";
7      // $dflt_keysArr[] = "booksAuthor";
8      // $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
54     $sql = "SELECT distinct booksISBN AS isbn, booksTitle AS title, booksDescription AS detail, booksCoverImage AS bookCover, booksQuantity,
55     booksLoaned FROM books $condition ORDER BY $order ASC LIMIT $loadData OFFSET $rangeStart;";
56     if ($result = mysqli_query($conn, $sql)) {
57         while($row = mysqli_fetch_assoc($result)) {
58
59             if ((int)$row["booksQuantity"] - (int)$row["booksLoaned"] > 0) {
60                 $row += array('available' => true);
61             } else {
62                 $row += array('available' => false);
63             }
64             unset($row["booksQuantity"]);
65             unset($row["booksLoaned"]);
66             $querySet[] = $row;
67         }
68
69         $rangeEnd = 0;
70         if ($totalResult) {
71             $rangeStart = $rangeStart + 1;
72             $rangeEnd = $rangeStart + $loadData - 1;
73             if ($rangeEnd > $totalResult) {
74                 $rangeEnd = $totalResult;
75             }
76         }
77
78         $container = Array();
79         $container[] = $totalResult;
80         $container[] = $rangeStart;
81         $container[] = $rangeEnd;
82         $container[] = $querySet;
83         echo json_encode($container);
84     }
85 
```

## read-notification.inc.php



```
read-notification.inc.php
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
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 userId = '" . $_SESSION["userid"] . "'"))["usersType"];
8         if ($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 userId = '$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 ×
Ims > 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 usersId = '" . $_GET["user"] . "'"));
12     ["borrowPending"];
13     $pendingBookList = explode(">", array_slice(explode(">", $usersBorrowPending), 1)[$_GET["index"]]);
14     if (!($pendingBookList[0] == $_GET["isbn"])) {
15         header("location: ../index.php");
16         exit();
17     }
18
19 // check whether it is librarian or admin who is accessing this page or not
20 if (isset($_SESSION["userid"])) {
21
22     $type = mysqli_fetch_assoc(mysqli_query($conn, "SELECT * FROM users WHERE usersId = '" . $_SESSION["userid"] . "'"))["usersType"];
23     if ($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 usersId = '" . $_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 usersId = '" . $_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 usersId = '" . $_GET["user"] . "'"));
41
42 mysqli_query($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 usersId = '" . $_GET["user"] . "'");
45
46 // then add notification to user
47 $notification = "Your request to borrow the book named " . $book["booksTitle"] . " (" . $book["booksISBN"] . ") is turned down by the
48 authority, unfortunately. Please contact the librarians for more details. You may request again however as much as you want as long as the
49 book is still in stock.";
50 mysqli_query($conn, "INSERT INTO Notification (userId, text) VALUES ('" . $_GET["user"] . "', '$notification')");
51
52 if ($type == "admin") {
53     header("location: ../admin.php");
54     exit();
55 }
56
57 } else {
58     header("location: ../librarian.php");
59 }
60 }
```

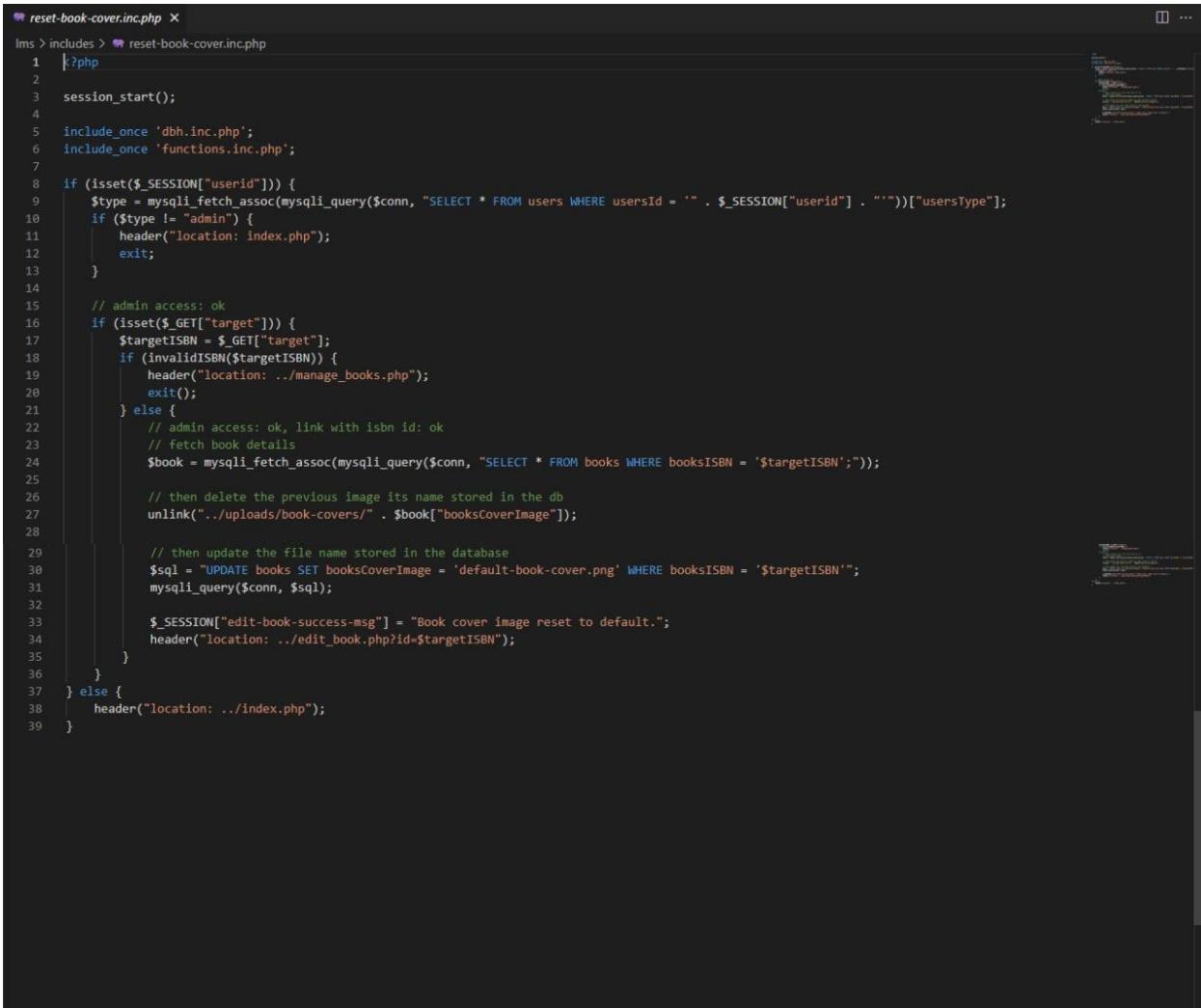
## remove-librarian.inc.php

```
remove-librarian.inc.php
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 userId = '" . $_SESSION["userid"] . "'"))["userType"];
8      if ($type == "admin" and isset($_GET["subject"])) {
9          $targetId = $_GET["subject"];
10         mysqli_query($conn, "UPDATE users SET userType = 'member' WHERE userId = '$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 }</pre
```

## reserve-book.inc.php

```
reserve-book.inc.php
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 . "&gt;" . $_SESSION["userid"] . "'"
26 WHERE booksISBN = '" . $target . "');");
27
28 $_SESSION["book-reserved-success-msg"] = "Book reserved successfully. We will add it to your reservation cart as soon as the book is available.
29 Do remember to pick up (borrow) the book at your reservation cart once notified, within 3 days.";
30
31 header("location: ../book.php?id=$target");
32
33 exit;</pre
```

## reset-book-cover.inc.php



```
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

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

## reset-request.inc.php

```
reset-request.inc.php X
Ims > includes > reset-requestinc.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 dotenv
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...www
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         mysqli_stmt_close($stmt);
54         mysqli_close($conn);
55
56     //Create an instance; passing 'true' enables exceptions
57     $mail = new PHPMailer(true);
58
59     try {
60         //Server settings
61         // $mail->SMTPDebug = SMTP::DEBUG_SERVER;           //Enable verbose debug output
62         $mail->isSMTP();                                     //Send using SMTP
63         $mail->Host = 'smtp.gmail.com';                     //Set the SMTP server to send through
64         $mail->SMTPAuth = true;                            //Enable SMTP authentication
65         $mail->Username = 'pathfinderlibms@gmail.com';    //SMTP username
66         $mail->Password = $_SERVER["EMAIL_PASSWORD"];       //SMTP password
67         $mail->SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS; //Enable implicit TLS encryption
68         $mail->Port = 465;                                 //TCP port to connect to; use 587 if you have set `SMTPSecure =
69         //PHPMailer::ENCRYPTION_STARTTLS;
70
71         //Recipients
72         $mail->setFrom('pathfinderlibms@gmail.com', 'Pathfinder');
73         $mail->addAddress($userEmail);
74
75         //Content
76         $mail->iHTML(true);                             //Set email format to HTML
77         $mail->Subject = 'Reset your password';
78         $mail->Body = '<p>We received a password reset request. The link to reset your password is below. If you did not make this request,  
you can ignore this email. Here is your password reset link: <a href = "' . $url . '>' . $url . '</a><br></p>';
79         $mail->AltBody = 'We received a password reset request. The link to reset your password is below. If you did not make this request, you  
can ignore this email. Here is your password reset link: ' . $url;
80
81         $mail->send();
82     }
83
84 }
```

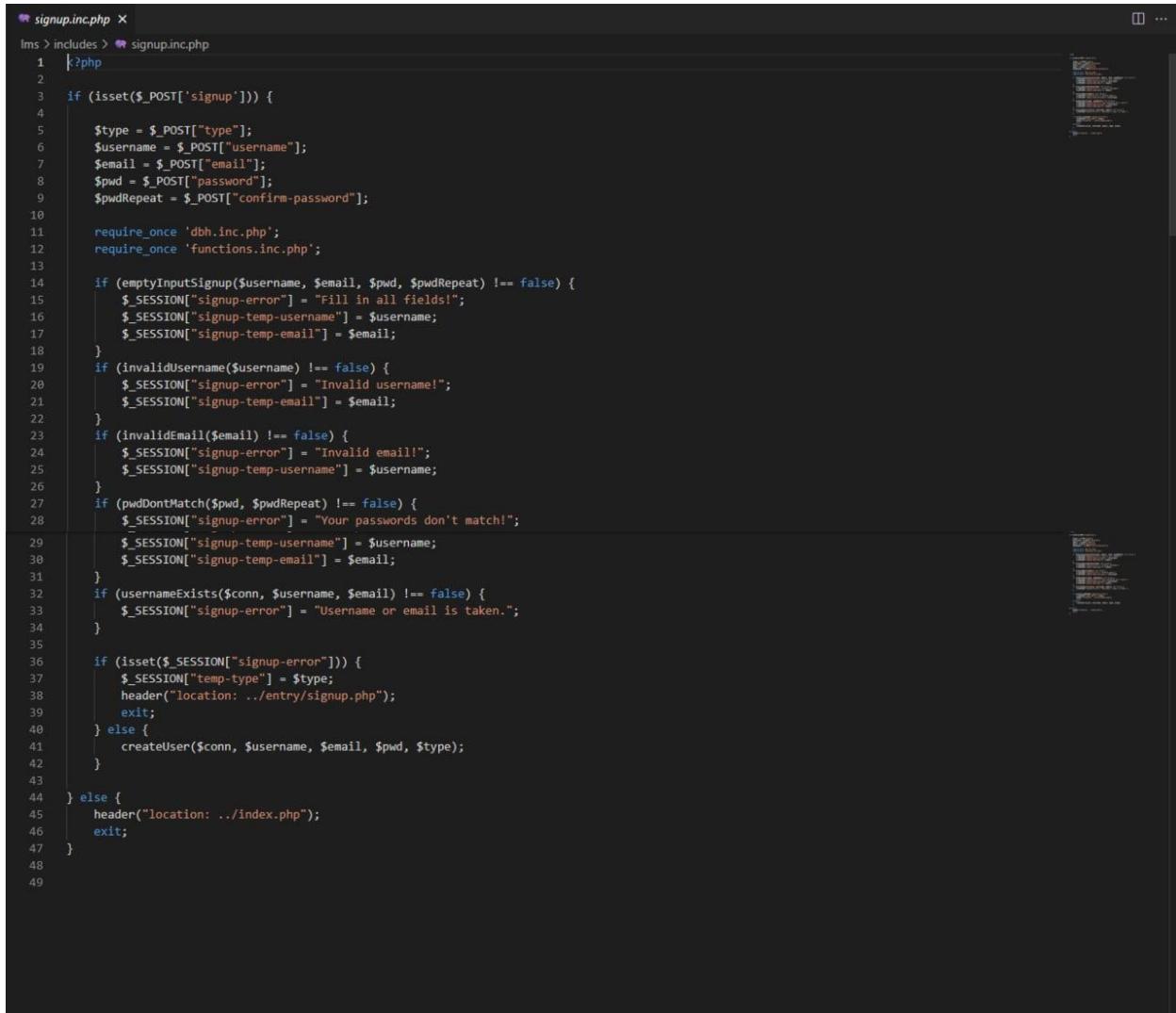
```
81     // echo 'Message has been sent';
82     // sleep('1');
83     header("location: ../reset_password.php?reset=success");
84 } catch (Exception $e) {
85     echo "Message could not be sent. Mailer Error: {" . $mail->ErrorInfo . "}";
86 }
87 } else {
88     header("location: ../index.php");
89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



## return-book.inc.php

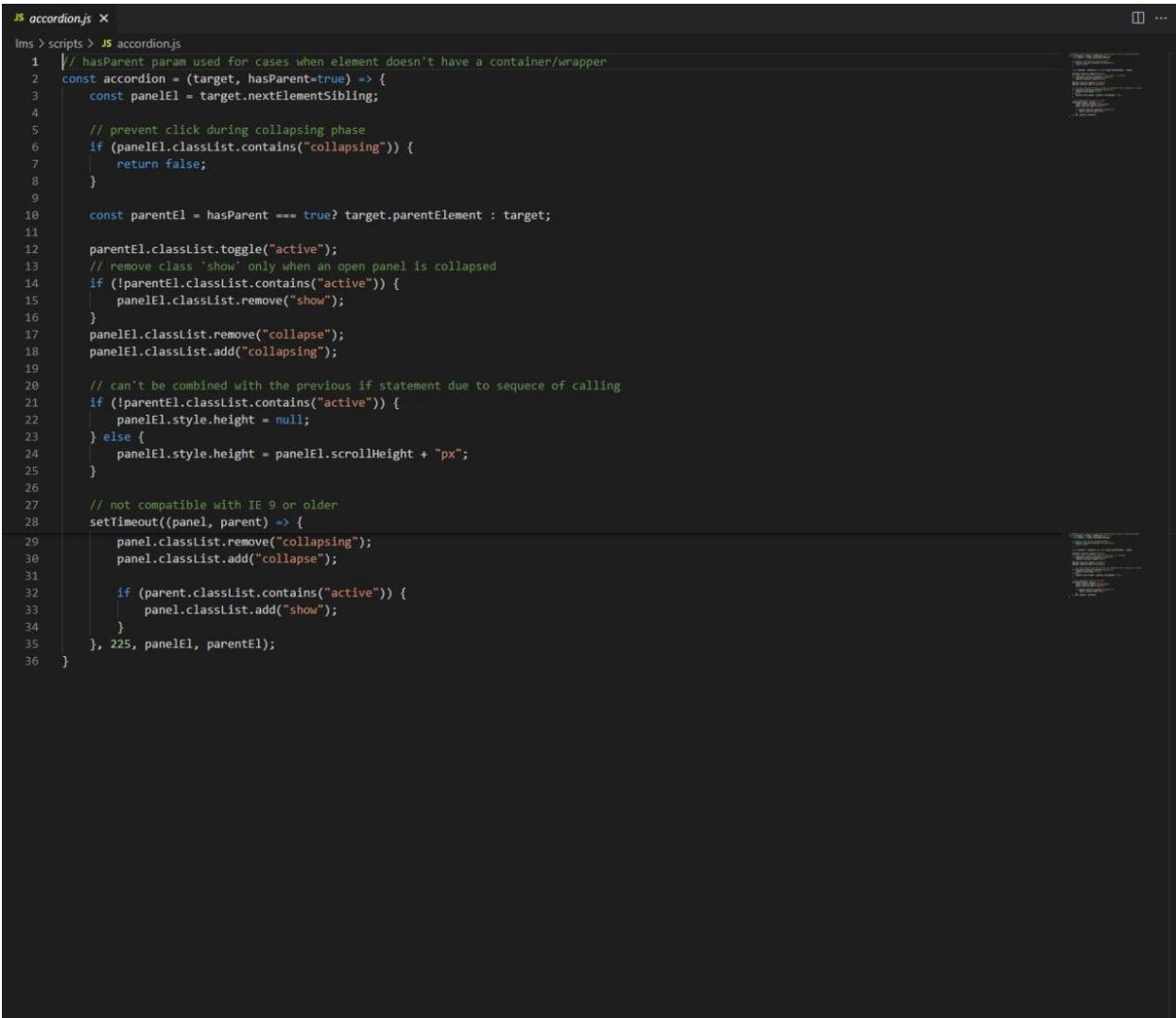
```
return-book.inc.php X
lms > includes > return-book.inc.php
1  <?php
2
3  include_once 'dbh.inc.php';
4
5  session_start();
6
7  if (!isset($_SESSION["userid"])) {
8      header("location: ../index.php");
9  }
10
11 // check whether link valid
12 if (!isset($_GET["index"]) || !isset($_GET["isbn"])) {
13     header("location: ../index.php");
14 } else {
15     $usersBorrowedBooks = mysqli_fetch_assoc(mysqli_query($conn, "SELECT borrowedBooks FROM users WHERE usersId = '" . $_SESSION["userid"] . "'");
16     $borrowedBooksList = explode(">", array_slice(explode(" ", $usersBorrowedBooks), 1)[$_GET["index"]]);
17     if (!($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 usersid = '" . $_SESSION["userid"] . "'"));
38
39 // update the loaned number of the book
40 mysqli_query($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 usersId = '" . $_SESSION["userid"] . "'");
48     mysqli_query($conn, "UPDATE users SET bookQuota = '" . ((int)$user["bookQuota"]) - 1 . "' WHERE usersId = '" . $_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 usersId = '" . $_SESSION["userid"] . "'");
54
55 // update user quota
56 mysqli_query($conn, "UPDATE users SET bookQuota = '" . ((int)$user["bookQuota"]) - 1 . "' WHERE usersId = '" . $_SESSION["userid"] . "'");
57 }
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 usersId = '" . $firstUserInTheQueue . "'");
64
65 // delete the user's reservation record in book reservation queue
66 unset($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
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 }
```

## accordion.js



A screenshot of a code editor window titled "accordion.js". The code is written in JavaScript and handles the behavior of an accordion component. It includes logic for preventing clicks during the collapsing phase, toggling active classes, removing show classes, and setting panel heights. A note at the bottom indicates compatibility issues with IE 9 or older browsers.

```
JS accordion.js ×
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 sequence 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 ×
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 ×
lms > scripts > JS validation.js > ...
1  constisRequired = value => value === '' ? false : true;
2  constisBetween = (length, min, max) => length < min || length > max ? false : true;
3  constisEmailValid = (email) => {
4    constre = /^[(([^<>()\\\[\\]\\\\.,;:\\s@"]+(\\\.[^<>()\\\[\\]\\\\.,;:\\s@"]+)*|(.+"))@((\\[[0-9]{1,3}\\.[0-9]{1,3}\\.[0-9]{1,3}\\])|(([a-zA-Z-0-9]{1,16}\\.)[a-zA-Z-0-9]{1,16}))$/;
5    returnre.test(email);
6  };
7
8  constdefaultOptions = [
9    {
10      id: 0,
11      value: "Too weak",
12      minDiversity: 0,
13      minLength: 0
14    },
15    {
16      id: 1,
17      value: "Weak",
18      minDiversity: 2,
19      minLength: 6
20    },
21    {
22      id: 2,
23      value: "Medium",
24      minDiversity: 4,
25      minLength: 8
26    },
27    {
28      id: 3,
29      value: "Strong",
30      minDiversity: 4,
31      minLength: 10
32    }
33  ];
34
35  constescapeRegExp = (string) => string.replace(/[-.*+?^${}()|{}[\]\\]/g, '\\$&');
36  constpasswordStrength = (password, options = defaultOptions, allowedSymbols="!@#$%^&*") => {
37    letpasswordCopy = password || '';
38
39    options[0].minDiversity = 0,
40    options[0].minLength = 0
41
42    construles = [
43      {
44        regex: "[a-z]",
45        message: 'lowercase'
46      },
47      {
48        regex: '[A-Z]',
49        message: 'uppercase'
50      },
51      {
52        regex: '[0-9]',
53        message: 'number'
54      }
55    ]
56
57    if(allowedSymbols) {
58      rules.push({
59        regex: `${escapeRegExp(allowedSymbols)}`,
60        message: 'symbol'
61      })
62    }
63
64    letstrength = {}
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    letfulfilledOptions = 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 ×
IMS > 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 ×
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 rgba(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 rgba(255, 255, 255, 0.10);
68 }
69
70 .app-sidebar__heading {
71   text-transform: uppercase;
72   font-size: .8rem;
73   margin: .75rem 0;
74   font-weight: bold;
75   color: #3f6ad8;
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: #34a0a4;
```

```
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: #34a0a4;
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   list-style: none;
114 }
115
116 .vertical-nav-menu > li > a {
117   display: block;
118   position: relative;
119   width: 100%;
120   font-size: 15px;
121 }
122
123 .vertical-nav-menu ul {
124   position: relative;
125   list-style: none;
126   padding: 0 0 0 2rem;
127 }
128
129 .vertical-nav-menu ul.show {
130   padding: 0em 0 0 2rem;
131 }
132
133 .vertical-nav-menu ul.collapsing {
134   overflow: hidden;
135   position: relative;
136   height: 0;
137   transition: height 0.25s;
138 }
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 .vertical-nav-menu .arrow {
164   border: solid #white;
165   border-width: 0 3px 3px 0;
166   display: inline-block;
167   padding: 3px;
168 }
169
170 .vertical-nav-menu .down {
171   transform: rotate(45deg);
172   -webkit-transform: rotate(45deg);
173 }
174
175 .vertical-nav-menu li.active > a i.arrow {
176   transform: rotate(-135deg);
177 }
```

## search\_book.css

```
# search_book.css ×
lms > stylesheets > # search_book.css > .main-content
1  .main-content {
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 .content-preview h3 {
93   margin: 2px 0;
94 }
95 }
96 .list-item .desc-header {
97   padding: 0;
98   margin: 0;
99 }
100 }
101 .list-item .show-desc {
102   display: none;
103   width: 140px;
104   height: 40px;
105 }
106 }
107 .list-item .desc {
108   overflow: auto;
109   position: relative;
110 }
111 }
112 .list-item .desc.collapsing {
113   overflow: hidden;
114   position: relative;
115   height: 0;
116   transition: height 0.25s;
117 }
118 }
119 .list-item .controller {
120   flex: 1;
121   display: flex;
122   justify-content: flex-end;
123   align-items: flex-end;
124   padding-top: 20px;
125 }
126 }
127 .list-item .controller a {
128   font-weight: 600;
129   width: 75px;
130   height: 40px;
131   line-height: 40px;
132   margin: 0 10px;
133   text-align: center;
134   border-radius: 5px;
135   background-color: #red;
136   color: white;
137 }
138 }
139 .pagination {
140   position: relative;
141   text-align: center;
142   font-family: Arial, Helvetica, sans-serif;
143   display: none;
144 }
145 }
146 .pagination a {
147   display: inline-block;
148   width: 40px;
149   height: 40px;
150   line-height: 40px;
151   text-align: center;
152   font-weight: 600;
153   background-color: #eeeeee;
154   transition: color 0.3s, background-color 0.3s;
155 }
156 }
157 .pagination a:hover {
158   background-color: #green;
159   color: white;
160 }
161 }
162 .pagination-inner a:first-child:not(#btn-wrapper > a) {
163   width: 50px;
164   padding-left: 10px;
165   border-top-left-radius: 15px;
166   border-bottom-left-radius: 15px;
167 }
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 .checkmark:after{
256     content:"";
257     position: absolute;
258     width: 3px;
259     height: 3px;
260     background-color: #fff;
261     left: 8px;
262     top: 12px;
263 }
264
265 .cross {
266     display: inline-block;
267     position: relative;
268     width: 22px;
269     height: 22px;
270     top: 5px;
271     background: red;
272     border-radius: 50%;
273 }
274
275 .cross:before, .cross:after {
276     content: "";
277     position: absolute;
278     width: 3px;
279     height: 12px;
280     left: 10px;
281     top: 5px;
282     background-color: var(--white);
283 }
284
285 .cross:before {
286     transform: rotate(45deg);
287 }
288
289 .cross:after {
290     transform: rotate(-45deg);
291 }
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   position: relative;
37   display: inline-block;
38   position: relative;
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 {
```

```
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: #e8eef;  
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: #e8eef;  
91     color: #8a97a0;  
92     -webkit-box-shadow: 0 1px 0 #e8eef inset;  
93     box-shadow: 0 1px 0 #e8eef 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: menulist-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: #FFF;  
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: 8px 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-repeat;
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: #15724;
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: #00ffff;
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 #white;
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 .footer__bottom {
82   text-align: center;
83   left: 0;
84   bottom: 0;
85   width: 100%;
86   height: 35px;
87   position: relative;
88 }
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: #434a40;
17   --primary: #3f6ad8;
18   --secondary: #6c757d;
19   --success: #3ac47d;
20   --info: #16afff;
21   --warning: #f7b924;
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
37   padding: 0;
38
39 a 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  .hamburger-inner, .hamburger-inner::before, .hamburger-inner::after {
72    background-color: var(--light) !important;
73  }
74
75  .hamburger {
76    order: 1;
77  }
78
79  .logo-container {
80    order: 2;
81    margin-left: 10px;
82    display:flex;
83    flex-direction: row;
84    background-color: white;
85    padding-left: 10px;
86    padding-right: 10px;
87    border-radius: 20px;
88  }
89
90  .logo-container img{
91    margin: 4px auto;
92    width: 50px;
93    height: 50px;
94    border-radius: 50%;
95  }
96
97  .logo-container h3 {
98    padding-top: 8px;
99    margin: 0;
100   font-family: 'Pacifico', sans-serif;
101   font-weight: 300;
102   font-size: 25px;
103   color: var(--dark);
104 }
105
106 .header-nav {
107   position: relative;
108   float: left;
109   display: flex;
110   flex-direction: row;
111   align-items: center;
112 }
113
114 .header-nav .menu {
115   cursor: pointer;
116   display: none;
117   align-self: center;
118   margin-right: 30px;
119 }
120
121 .menu .btm-icon {
122   cursor: pointer;
123   padding: 20px 10px 10px;
124   background-color: var(--light);
125   border-radius: 5px;
126 }
127
128 .menu .btm-icon-wrapper i {
129   color: var(--dark);
130   font-size: 30px;
131 }
132
133 .header-nav .menu-content {
134   cursor: pointer;
135   background-color: var(--dark);
136   position: relative;
137   display: flex;
138   flex-direction: row;
139 }
140 }
```

```
141 .header-nav .menu-content li{
142   padding-right: 20px;
143   list-style: none;
144   font-size: 20px;
145 }
146
147 .header-nav .dropdown-menu .collapse {
148   position: fixed;
149   /* bottom: 0;
150   margin-top: 200px; */
151   background-color: var(--light);
152   color: var(--dark);
153   display: none;
154 }
155
156 .header-nav .dropdown-menu.active .collapse {
157   display: block;
158 }
159
160 @media only screen and (max-width:810px) {
161   .hamburger {
162     order: 2;
163   }
164
165   .logo-container {
166     order: 1;
167   }
168
169   .header-nav .menu {
170     display: block;
171   }
172
173   .header-nav .menu-content {
174     display: none;
175
176     padding: 15px 0px 15px 20px;
177     position: absolute;
178     left: -330px;
179     right: 26px;
180     top: 65px;
181     border-radius: 10px;
182     border: 2px solid black;
183   }
184
185   .header-nav .menu-content.show {
186     display: flex;
187   }
188 }
189
190 .page-wrapper {
191   margin-top: 85px;
192   position: relative;
193   min-height: 100vh;
194   padding-bottom: 100px;
195 }
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 .search-submit {
77   all: unset;
78   cursor: pointer;
79 }
80 }
81 #search-form .fas {
82   margin-left: 20px;
83   color: white;
84   font-size: 40pt;
85 }
86 }
87 @media only screen and (max-width: 800px) {
88   #search-form {
89     height: 100px;
90   }
91 }
92 .warning {
93   color: red;
94   text-align: center;
95 }
96 }
97 .events .content-wrapper {
98   display: flex;
99   justify-content: space-between;
100  width: 100%;
101  padding: 10px 1.5rem;
102 }
103 }
104 .recent-news {
105   flex-basis: calc(100% / 3 * 2);
106   border: 3px solid black;
107   background-color: var(--white);
108 }
109 padding: 10px;
110 }
111 }
112 .news_title {
113   position: relative;
114   display: flex;
115   justify-content: space-between;
116   align-items: center;
117 }
118 padding: 0 30px;
119 }
120 }
121 .news_content {
122   position: relative;
123   display: flex;
124 }
125 }
126 .recent-news .description {
127   background-color: rgba(108, 117, 125, 0.1);
128   padding: 6px;
129 }
130 }
131 .recent-news .description h3 {
132   margin: 3px 0;
133 }
134 }
135 }
136 .recent-news .main_content {
137   flex-basis: 60%;
138   margin: 10px;
139 }
140 }
```

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

```
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
246   font-size: 40pt;
247   position: absolute;
248   left: 0;
249   top: 50%;
250   transform: translateY(-50%);
251 }
252
253   .next-arrow{
254     font-size: 40pt;
255     position: absolute;
256     right: 0;
257     top: 50%;
258     transform: translateY(-50%);
259   }
260
261   .slider {
262     width: 100%;
263     max-width: 690px;
264     padding: 0 50px;
265   }
266
267   .slick-slide > div {
268     margin: 10px;
269     height: 100%;
270   }
271
272   .slide-item {
273     width: 250px;
274     height: 100%;
275   }
276
277   .slide-item .image-container{
278     height: 100%;
279     display: flex;
280     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 .slick-dots {
294 |     right: 50%;
295 |     transform: translateX(50%);
296 | }
297 .
298 /* slogan */
299 .slogan {
300 |     position: relative;
301 |     width: 100%;
302 |     margin: 0px;
303 | }
304 .
305 .slogan img {
306 |     width: 100%;
307 | }
308 .
309 .slogan h1 {
310 |     position: absolute;
311 |     top: 50%;
312 |     left: 50%;
313 |     transform: translate(-50%, -50%) ;
314 |     padding: 50px;
315 |     background-color: #rgba(139, 113, 79, 0.7);
316 |     border-radius: 30px;
317 |     color: white;
318 |     text-align: center;
319 | }
320 .
321 @media only screen and (max-width: 600px) {
322 |     .slogan h1 {
323 |         font-size: 20px;
324 |     }
325 | }
```

## 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 | .gray {
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 5px;
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;
```

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

**entry/login.php**

```
lms > entry > login.php
1  <?php
2      session_start();
3      if (isset($_SESSION["userid"])) {
4          header("location: ../index.php");
5          exit;
6      }
7  ?>
8
9  <!DOCTYPE html>
10 <html lang="en">
11 <head>
12     <title>Login to Pathfinder</title>
13     <meta charset="UTF-8">
14     <meta name="viewport" content="width=device-width, initial-scale=1">
15     <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
16     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KyZXEAg9J6QD1WtqOgW3LdYI6CvZqGJZcXoHfKJGm+PjBZM0n+uZJN97WUoCvM" crossorigin="anonymous">
17     <script src="https://kit.fontawesome.com/7f15b6993d.js" crossorigin="anonymous"></script>
18     <link rel="stylesheet" type="text/css" href="https://cdn.flare.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css">
19     <link rel="stylesheet" type="text/css" href="vendor/css-hamburgers/hamburgers.min.css">
20     <link href="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/css/select2.min.css" rel="stylesheet" />
21     <link rel="stylesheet" type="text/css" href="css/util.css">
22     <link rel="stylesheet" type="text/css" href="css/main.css">
23 </head>
24 <body>
25     <div class="limiter">
26         <div class="container-login100">
27             <div class="wrap-login100">
28                 <div class="login100-pic js-tilt" data-tilt>
29                     <a href="../index.php"></a>
30                     Yok Bin Library
31                 </div>
32
33                 <form class="login100-form validate-form" method="POST" action="../includes/login.inc.php">
34                     <span class="login100-form-title">Login</span>
35
36                     <!-- notices -->
37                     <?php
38                         if (isset($_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="../reset_password.php">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
80 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
81 <script src="https://unpkg.com/@popperjs/core@2"></script>
82 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
83 <script src="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/js/select2.min.js"></script>
84 <script src="vendor/tilt/tilt.jquery.min.js"></script>
85 <script >
86     $('.js-tilt').tilt({
87         scale: 1.1
88     })
89 </script>
90 <script src="js/main.js"></script>
91
92 </body>
93 </html>
```

## entry/signup.php

```
lms > entry > signup.php
1 <?php
2     session_start();
3     if (isset($_SESSION["userid"])) {
4         header("location: ../index.php");
5         exit;
6     }
7 ?>
8
9 <!DOCTYPE html>
10 <html lang="en">
11 <head>
12     <title>Sign up for Pathfinder</title>
13     <meta charset="UTF-8">
14     <meta name="viewport" content="width=device-width, initial-scale=1">
15     <link rel="icon" type="image/png" href="images/icons/favicon.ico"/>
16     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KyZXEAg9&lt;...&gt;" crossorigin="anonymous">
17     <script src="https://kit.fontawesome.com/7f15b6993d.js" crossorigin="anonymous"></script>
18     <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/4.1.1/animate.min.css">
19     <link rel="stylesheet" type="text/css" href="vendor/css-hamburgers/hamburgers.min.css">
20     <link href="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/css/select2.min.css" rel="stylesheet" />
21     <link rel="stylesheet" type="text/css" href="css/util.css">
22     <link rel="stylesheet" type="text/css" href="css/main.css">
23 </head>
24 <body>
25 <div class="btn-group">
26
27     <input type="radio" name="type" id="option-1" value="student" <?php if (isset($_SESSION["temp-type"])) { if ($_SESSION["temp-type"] == "student") { ?>
28     <input type="radio" name="type" id="option-2" value="librarian" <?php if (isset($_SESSION["temp-type"])) { if ($_SESSION["temp-type"] == "librarian") { ?>
29
30     <label for="option-1" class="option option-1">
31         <div class="dot"></div>
32         <span>Student</span>
33     </label>
34     <label for="option-2" class="option option-2">
35         <div class="dot"></div>
36         <span>Librarian</span>
37     </label>
38 </div>
39 <div class="limiter">
40     <div class="container-login100">
41         <div class="wrap-login100">
42             <div class="login100-pic js-tilt" data-tilt>
43                 <a href="../index.php"></a>
44                 Yok Bin Library
45             </div>
46
47             <form class="login100-form validate-form" method="POST" action="../includes/signup.inc.php">
48                 <span class="login100-form-title">Sign Up</span>
49
50                 <!-- notices -->
51                 <?php
52                     if (isset($_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["username"])) { echo $_SESSION["username"]; } ?>">
60                     <span class="focus-input100"></span>
61                     <span class="symbol-input100">
62                         <i class="fa fa-user" aria-hidden="true"></i>
63                     </span>
64                 </div>
65
66                 <div class="wrap-input100 validate-input" data-validate="Required">
67                     <input class="input100" type="email" name="email" placeholder="Email" value="<?php if (isset($_SESSION["email"])) { echo $_SESSION["email"]; } ?>">
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             </form>
74         </div>
75     </div>
76 
```

```

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["temp-type"] == "login") { echo "login"; } else { echo "signup"; } } ?>">
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 </div>
106 </div>
107 </body>
108
109 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
110 <script src="https://unpkg.com/@popperjs/core@2"></script>
111 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
112 <script src="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/js/select2.min.js"></script>
113 <script src="vendor/tilt/tilt.jquery.min.js"></script>
114 <script>
115     $('.js-tilt').tilt({
116         scale: 1.1
117     })
118 </script>
119 <script>
120     const option1 = document.getElementById("option-1");
121     const option2 = document.getElementById("option-2");
122     const role = document.getElementById("type");
123     [option1, option2].forEach(element => {
124         element.addEventListener("click", function(){
125             role.value = element.value;
126         });
127     });
128 </script>
129 <script src="js/main.js"></script>
130 </body>
131 </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);
```

**error/error.php**

```

lms > error > error.php
1  <?php
2      //Load Composer's autoloader
3      require '../vendor/autoload.php';
4
5      // use phpdotenv
6      $dotenv = 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             (function(d, s, id) {
62                 var js, fjs = d.getElementsByTagName(s)[0];
63                 if (d.getElementById(id)) return;
64                 js = d.createElement(s); js.id = id;
65                 js.src = 'https://connect.facebook.net/en_US/sdk/xfbml.customerchat.js';
66                 fjs.parentNode.insertBefore(js, fjs);
67             })(document, 'script', 'facebook-jssdk');
68         </script>
69     </div>
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
37     -webkit-transform: translate(-50%, -50%);
38     -ms-transform: translate(-50%, -50%);
39     transform: translate(-50%, -50%);
40 }
41
42 .notfound {
43     max-width: 910px;
44     width: 100%;
45     line-height: 1.4;
46     text-align: center;
47 }
48
49 .notfound .notfound-404 {
50     position: relative;
51     height: 200px;
52 }
53
54 .notfound .notfound-404 h1 {
55     font-family: 'Montserrat', sans-serif;
56     position: absolute;
57     left: 50%;
58     top: 50%;
59     -webkit-transform: translate(-50%, -50%);
60     -ms-transform: translate(-50%, -50%);
61     transform: translate(-50%, -50%);
62     font-size: 220px;
63     font-weight: 900;
64     margin: 0px;
65     color: #ffff;
66     text-transform: uppercase;
67     letter-spacing: 10px;
68 }
69
70 .notfound h2 {
    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-KyZXEAg0Pj5dH25" crossorigin="anonymous">
10    <script src="https://kit.fontawesome.com/a076d05399.js" crossorigin="anonymous"></script>
11    <link rel="stylesheet" type="text/css" href="fonts/fontawesome-4.7.0/css/fontawesome.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 href="https://cdn.jsdelivr.net/npm/select2@4.1.0-rc.0/dist/css/select2.min.css" rel="stylesheet">
14    <link rel="stylesheet" type="text/css" href="css/util.css">
15    <link rel="stylesheet" type="text/css" href="css/main.css">
16
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">' . $_SESSION["feedback-submitted-success-msg"] . '</div>';
35                             unset($_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
91 <script src="vendor/jquery/jquery-3.2.1.min.js"></script>
92 <script src="vendor/bootstrap/js/popper.js"></script>
93 <script src="vendor/bootstrap/js/bootstrap.min.js"></script>
94 <script src="vendor/select2/select2.min.js"></script>
95 <script src="vendor/tilt/tilt.jquery.min.js"></script>
96 <script>
97     $('.js-tilt').tilt({
98         scale: 1.1
99     })
100 </script>
101
102 <script>
103     (function ($) {
104         "use strict";
105
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
125         $('.validate-form .input100').each(function(){
126             $(this).focus(function(){
127                 hideValidate(this);
128             });
129         });
130
131         function validate (input) {
132             if($(input).val().trim() == ''){
133                 return false;
134             }
135         }
136
137         function showValidate(input) {
138             var thisAlert = $(input).parent();
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 (function ($) {
2     "use strict";
3
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 })(jQuery);
50

```

## 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	<p><b>Maklumat yang diperlukan oleh seorang pengatur cara :</b>  <b>Tarikh :</b>  <b>Nama Pengatur cara :</b> Yeo Xian Hui, Tan Ting Hong  <b>Tujuan /Kegunaan atur cara :</b></p> <p><b>Keperluan sistem pengendalian:</b>  <b>Window 10</b></p> <p><b>keperluan perkakasan:</b>  <b>Processor :</b> Intel Core Tm  <b>4 GB DDR4 Memory</b>  <b>Harddisk :</b> 10 MB</p> <p><b>keperluan perisian :</b>  XMAPP  Google Browser  Note pad</p>
iii. Dokumentasi luaran • Panduan pengguna	<p><b>Maklumat yang diperlukan oleh seorang pengguna seperti : Nama dan tujuan atur cara, Keperluan sistem pengendalian, perkakasan dan perisian, Cara penggunaan.</b></p> <ol style="list-style-type: none"> <li>1. Install XMAPP melalui  <a href="https://www.apachefriends.org/index.html">https://www.apachefriends.org/index.html</a></li> <li>2. Setup server</li> <li>3. Daftar akaun Disqus di <a href="https://disqus.com">https://disqus.com</a></li> <li>4. Daftarkan Facebook page baru untuk</li> </ol>

## Manual pengguna

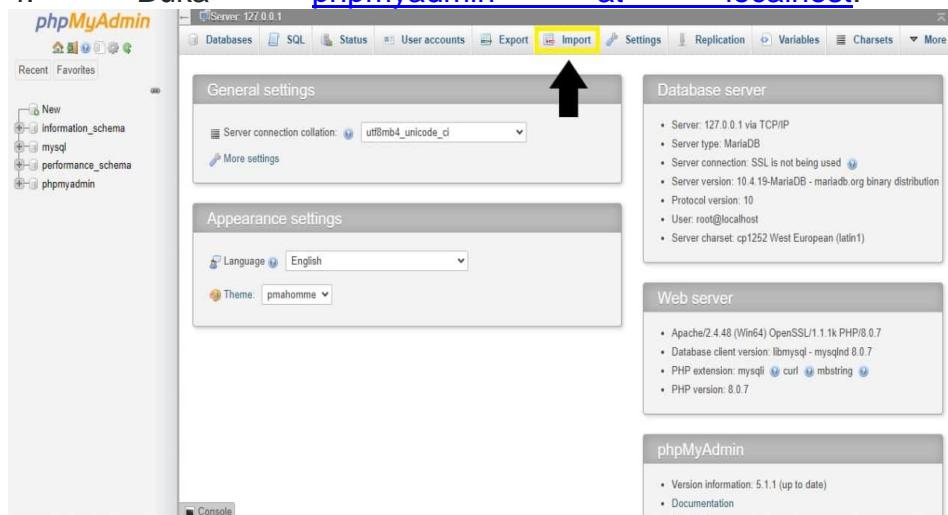
Manual pengguna sistem ini dapat diakses di repository projek ini di Github (README.md).

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

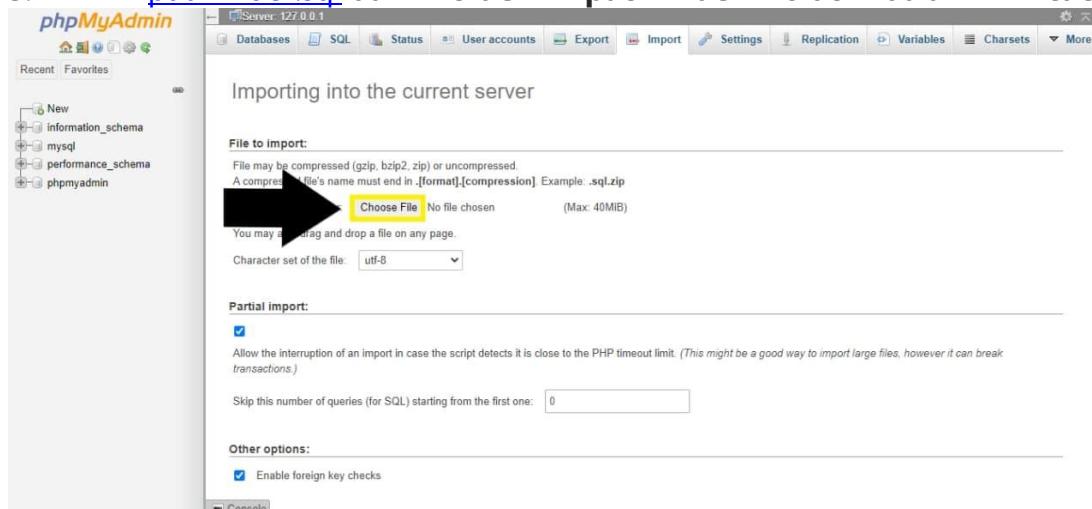
1. Pengguna download git clone <https://github.com/jPRO-22/pathfinder.git> or klik "Download zip".
2. Unzip Folder . Pindahkan **Folder Ims** ke dalam **xampp htdocs folder** and rename Ims folder kepada **pathfinder**.

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](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 runcan 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](mailto: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.