

CP 476 final project phase 3: final report

Group 18

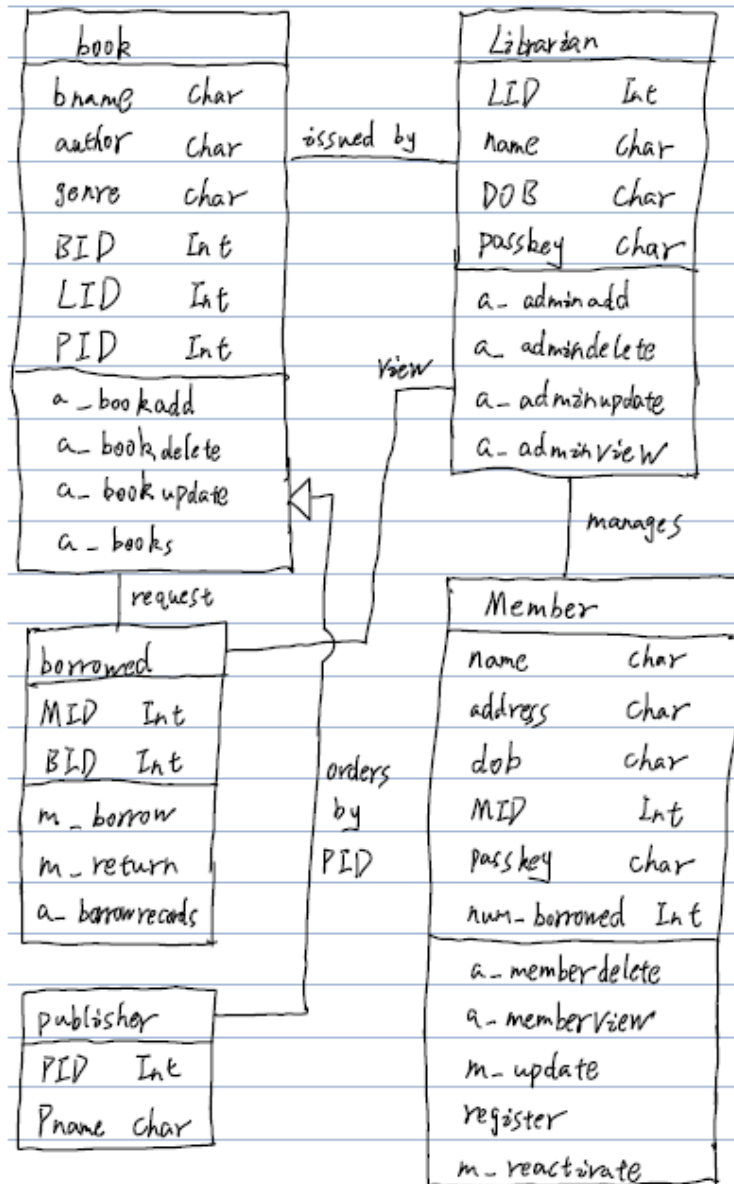
Group Member:

Fan Fan 136800690

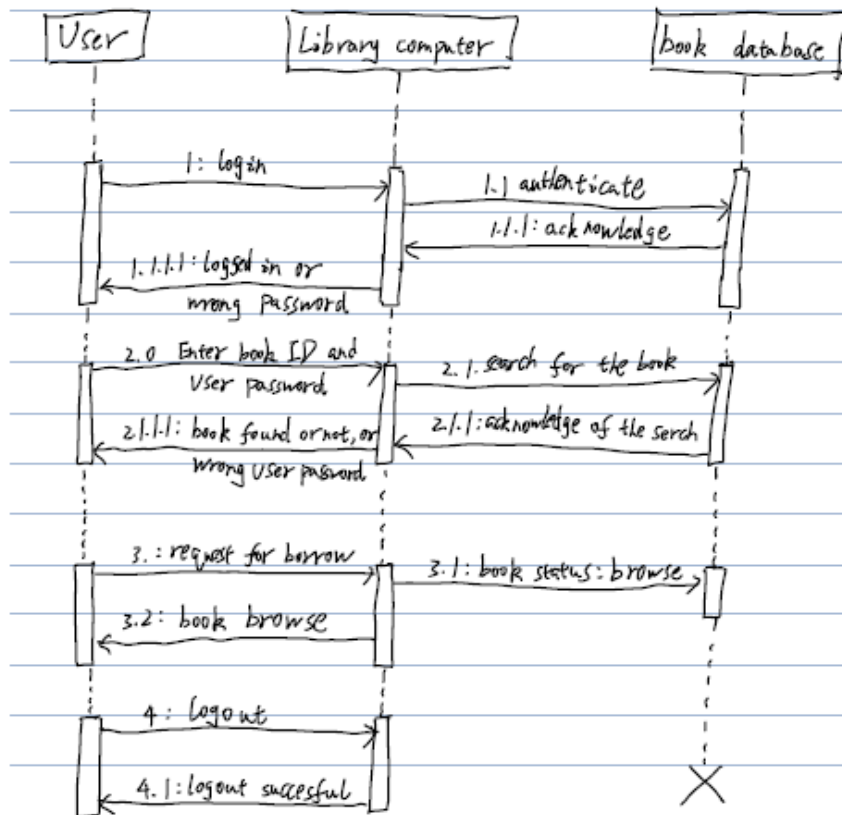
Yinhao Zheng 136803040

Zihua Wang 124167440

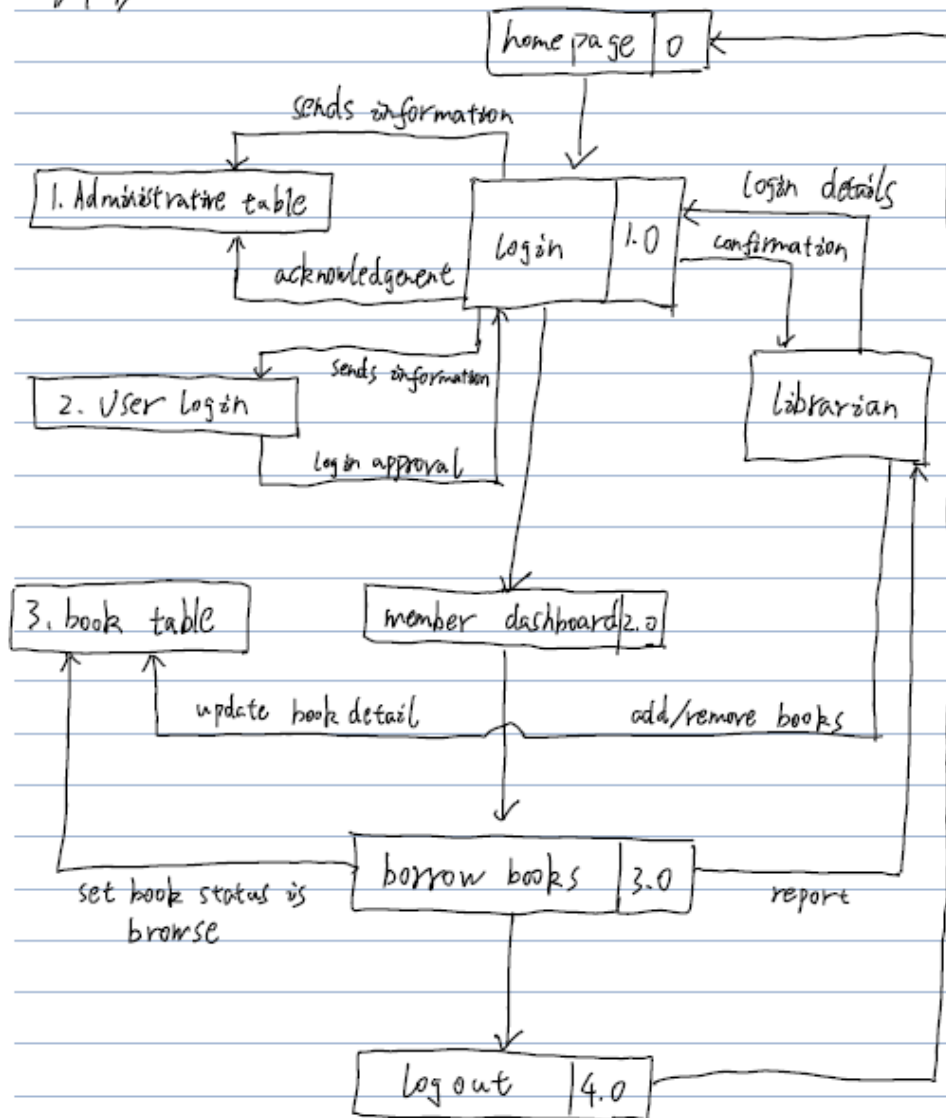
UML Class Diagram



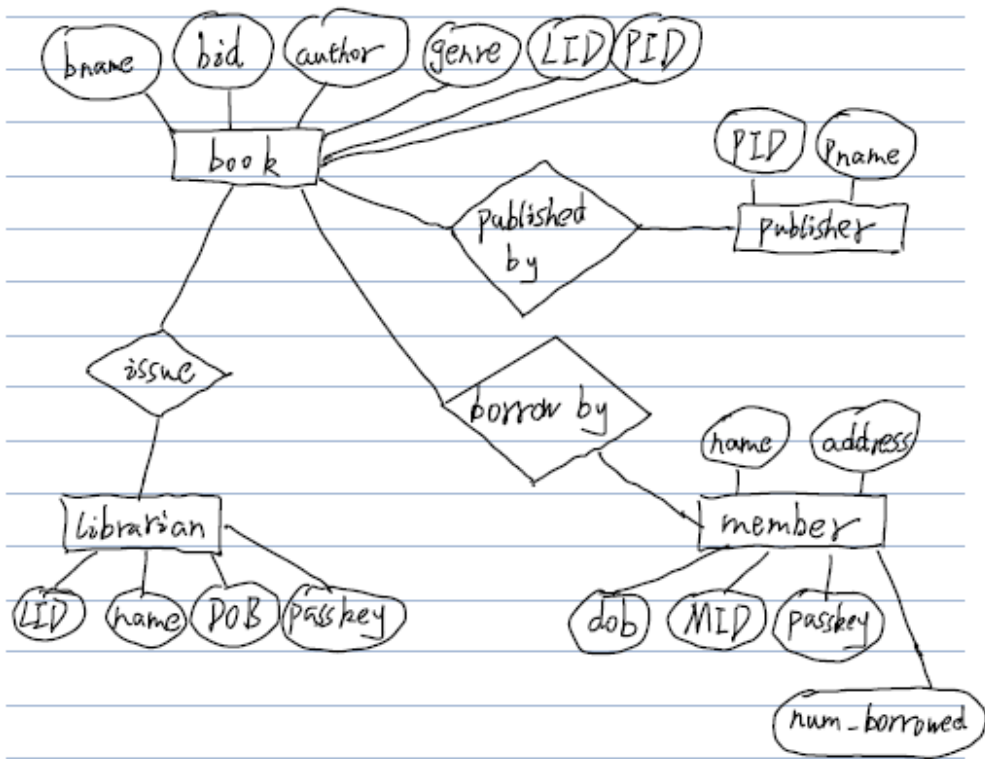
UML sequence Diagram



DFD



ERD

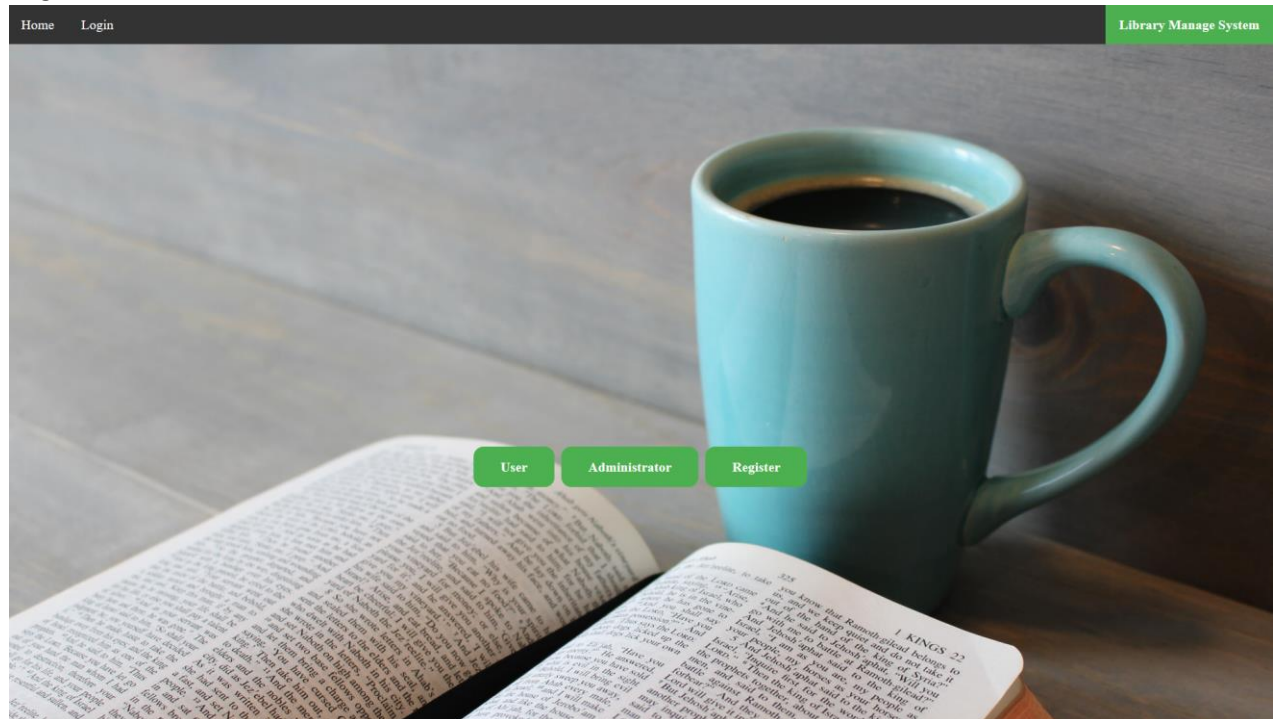


Interface snapshots and application output

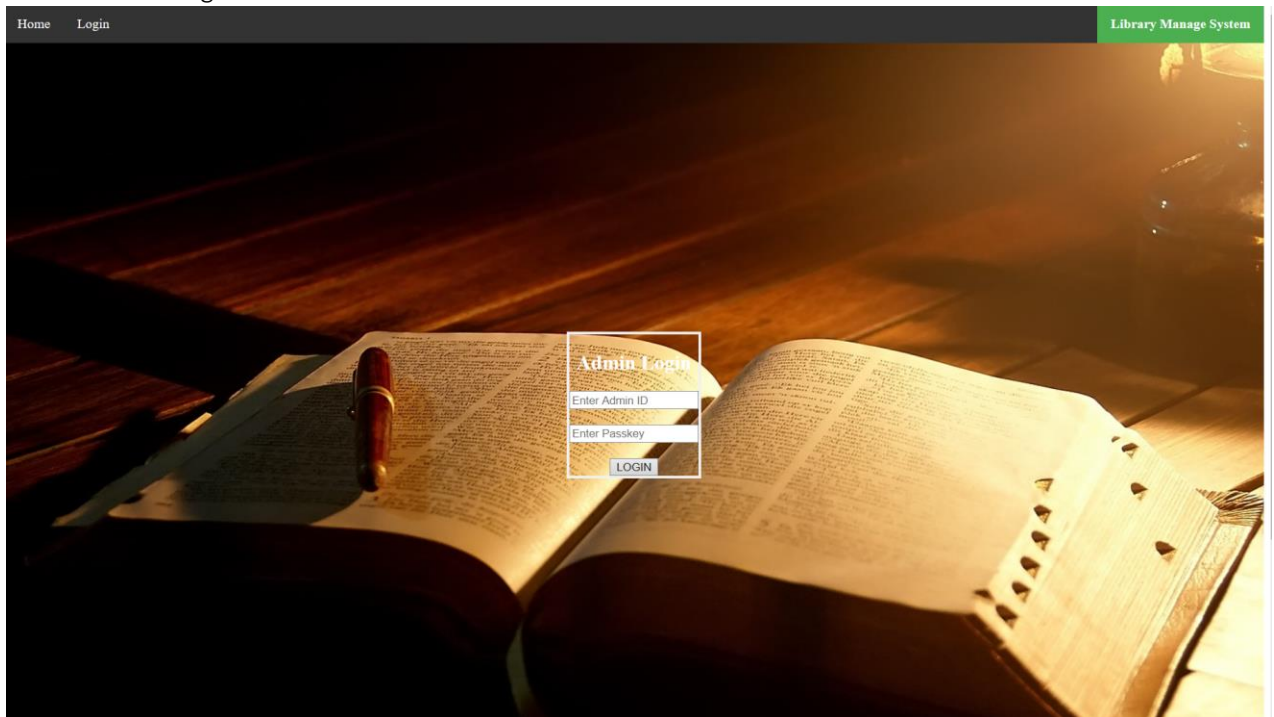
Homepage(index):



Login dashboard:



Administrator login:



The image shows the administrator login page of a 'Library Manage System'. The page has a dark header with 'Home' and 'Login' links on the left, and 'Library Manage System' on the right. The background is a warm-toned photograph of an open book with a pen resting on it. A white login form is centered on the page. The form has a title 'Admin Login', two input fields labeled 'Enter Admin ID' and 'Enter Passkey', and a 'LOGIN' button at the bottom.

Home Login Library Manage System

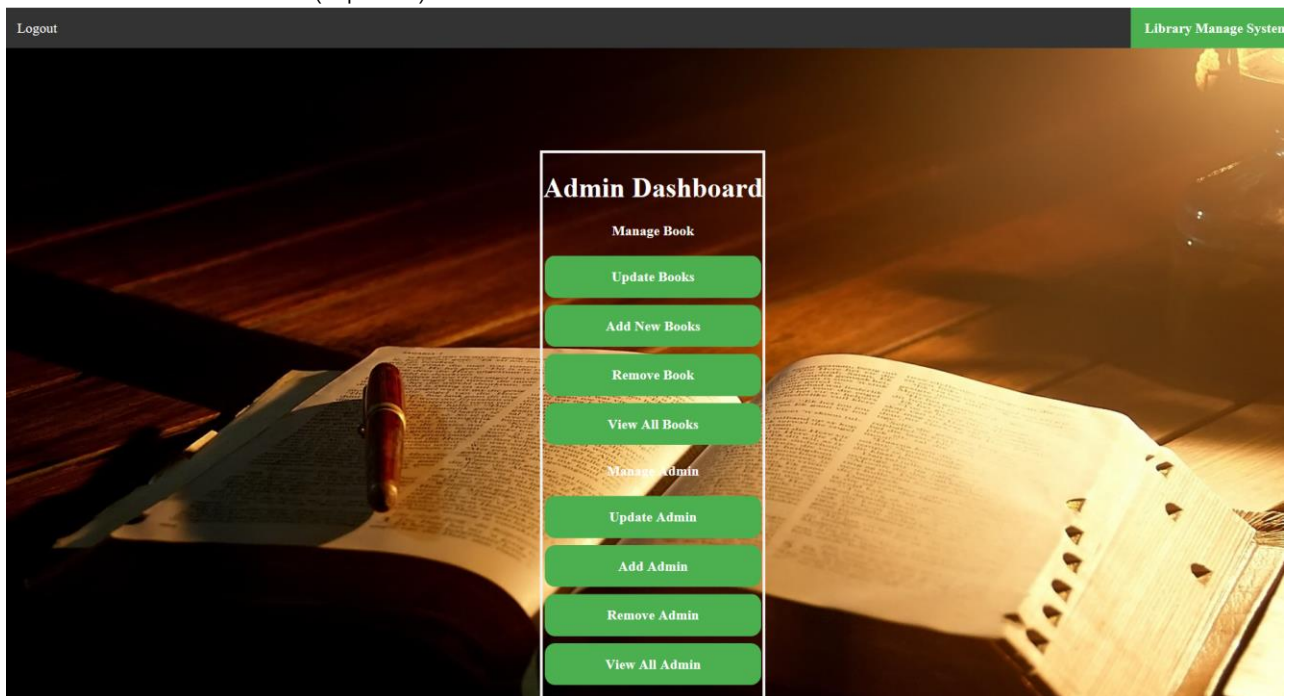
Admin Login

Enter Admin ID

Enter Passkey

LOGIN

Administrator dashboard (top side):



The image shows the top section of the administrator dashboard. The header is dark with 'Logout' on the left and 'Library Manage System' on the right. The background is the same warm-toned photograph of an open book with a pen. A white dashboard menu is centered on the page. The menu has a title 'Admin Dashboard' and two main sections: 'Manage Book' and 'Manage Admin'. Each section contains four green buttons with white text: 'Update Books', 'Add New Books', 'Remove Book', and 'View All Books' for the book management section; and 'Update Admin', 'Add Admin', 'Remove Admin', and 'View All Admin' for the admin management section.

Logout Library Manage System

Admin Dashboard

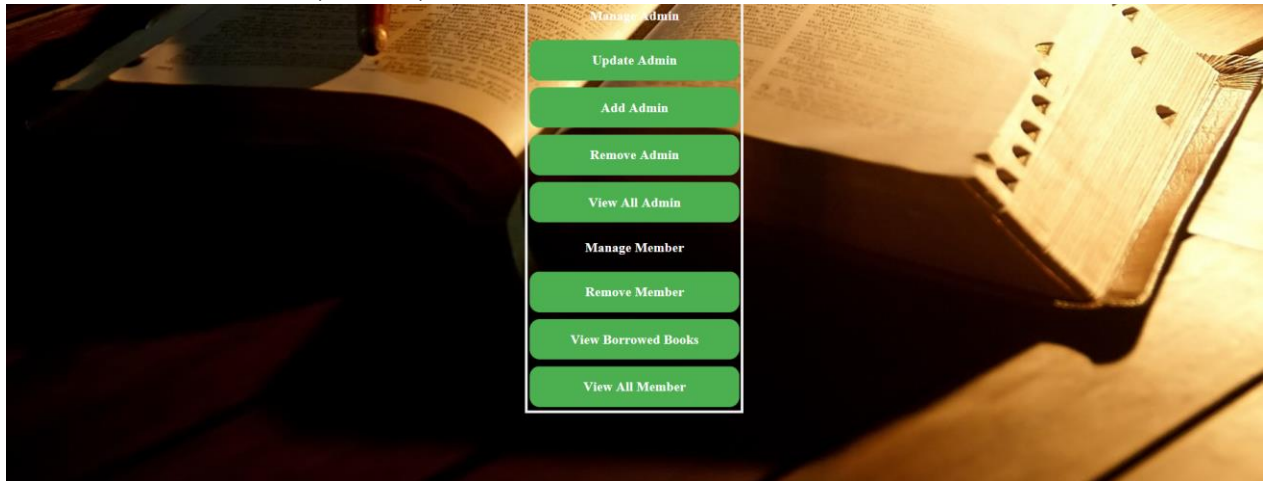
Manage Book

- Update Books
- Add New Books
- Remove Book
- View All Books

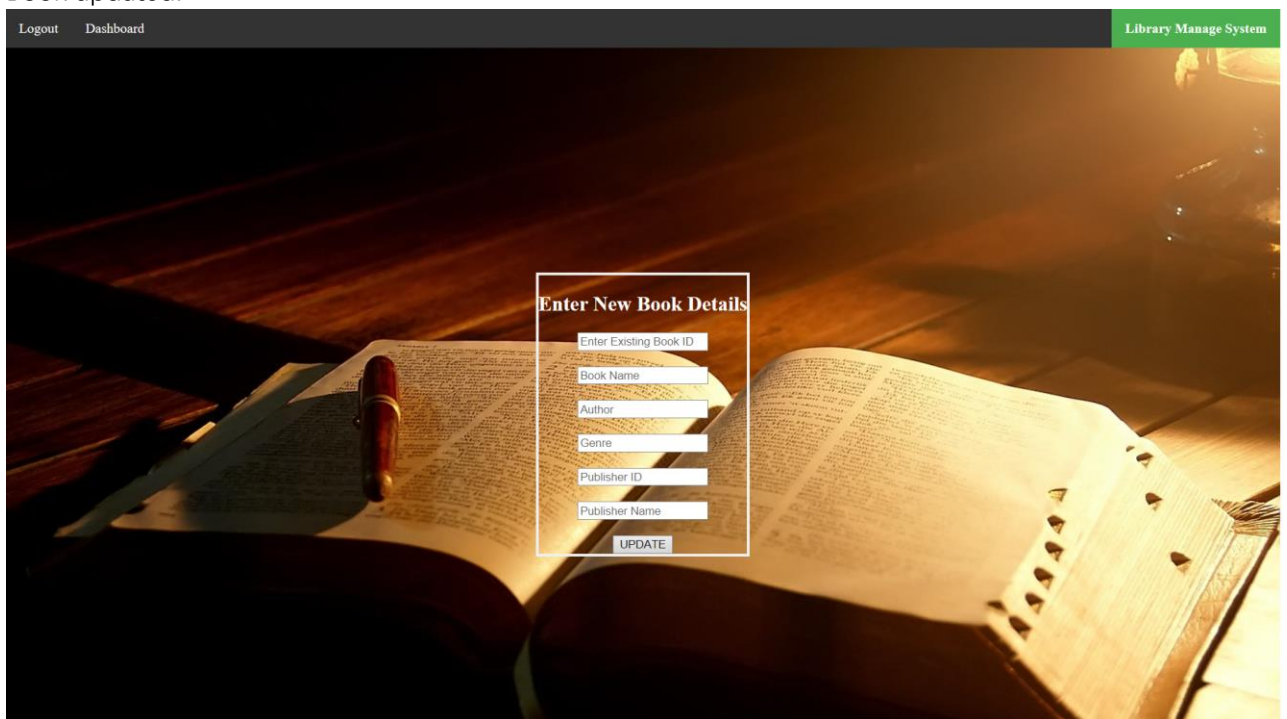
Manage Admin

- Update Admin
- Add Admin
- Remove Admin
- View All Admin

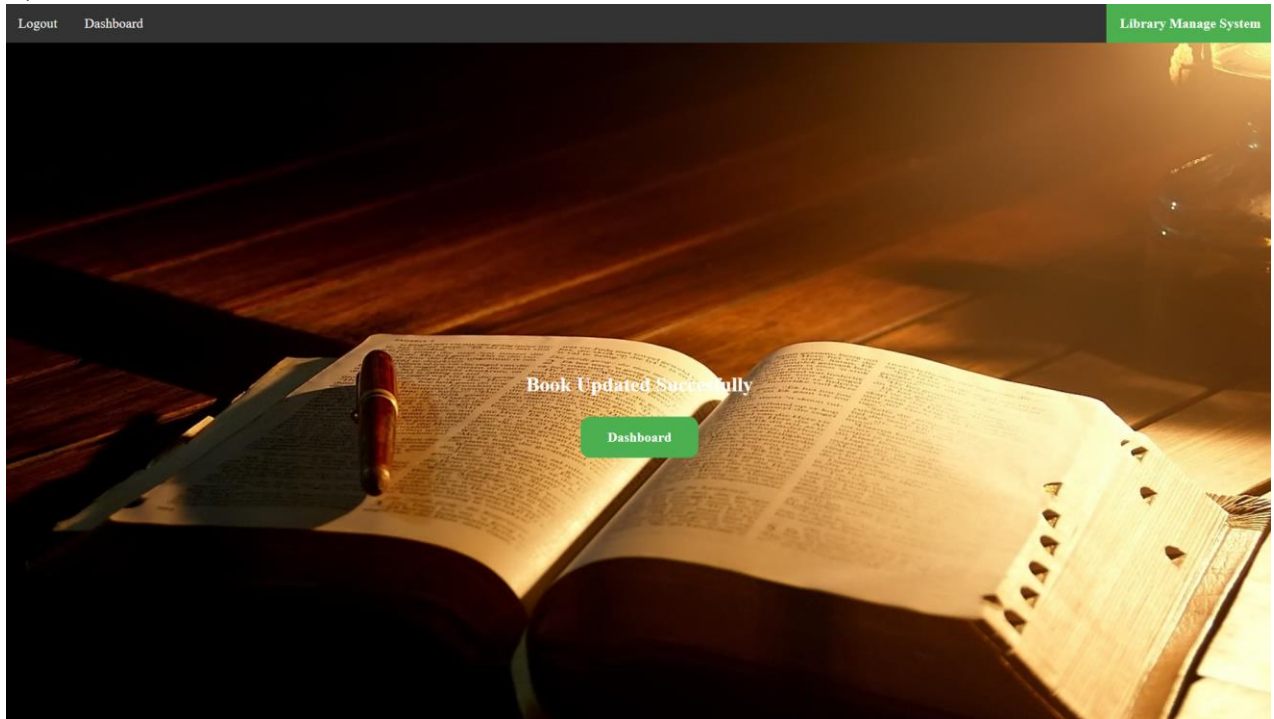
Administrator dashboard (bot side):



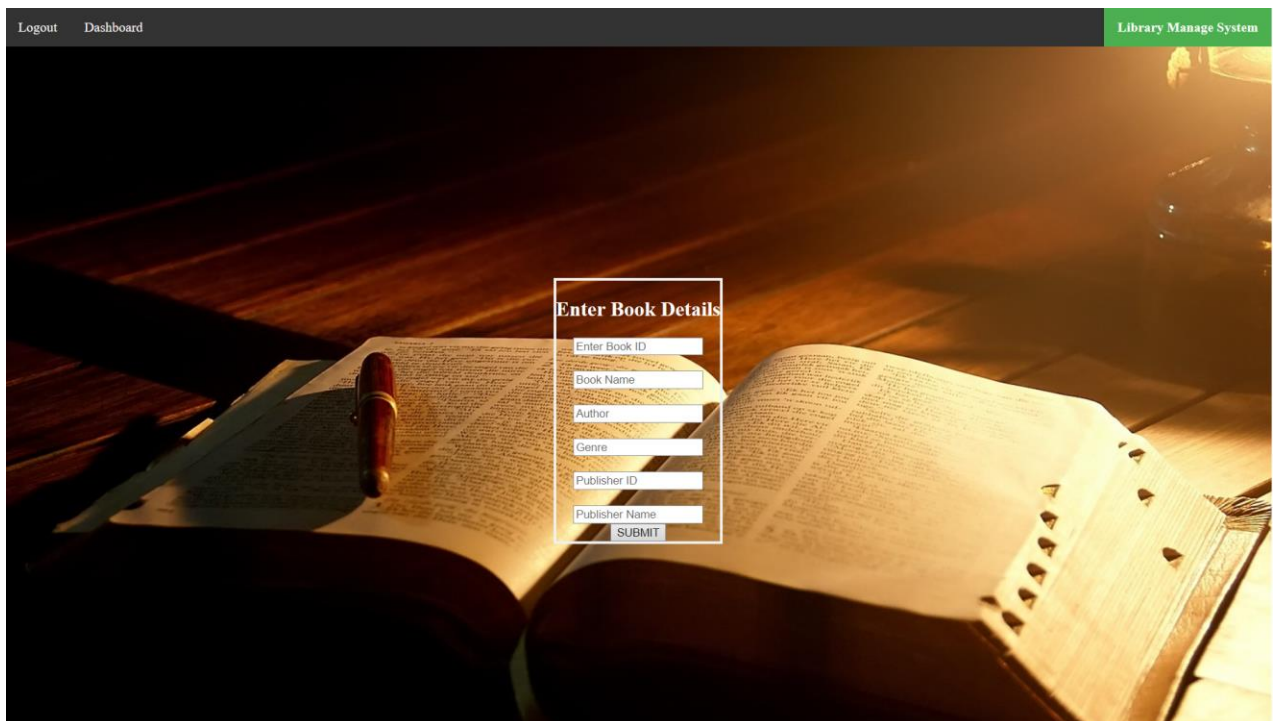
Book updated:



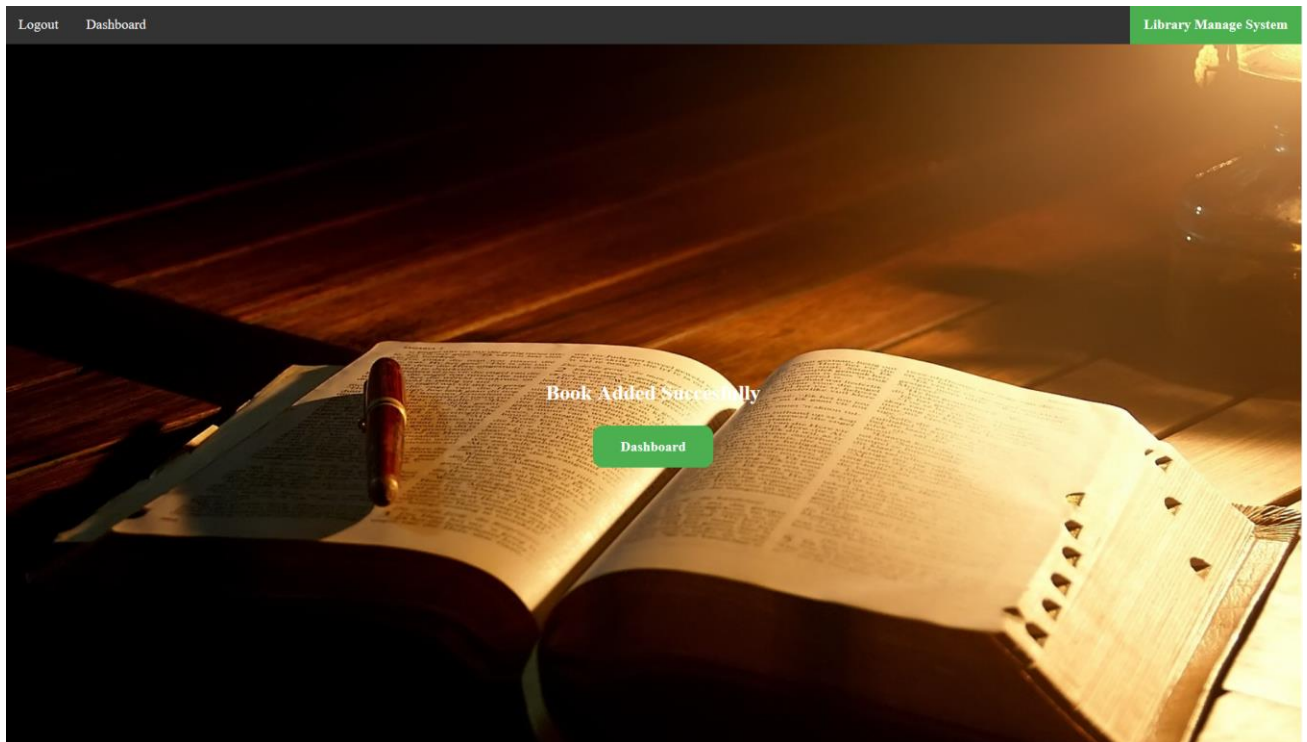
Updated succss



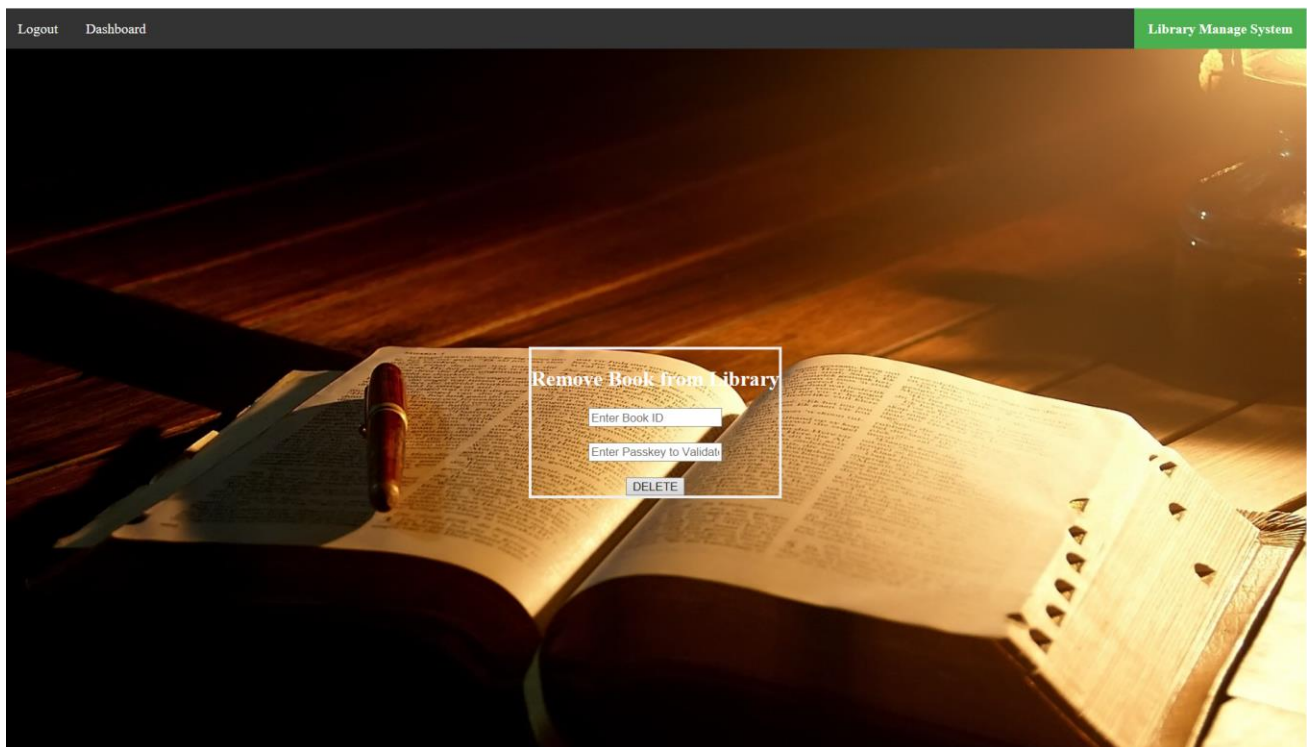
Add new book



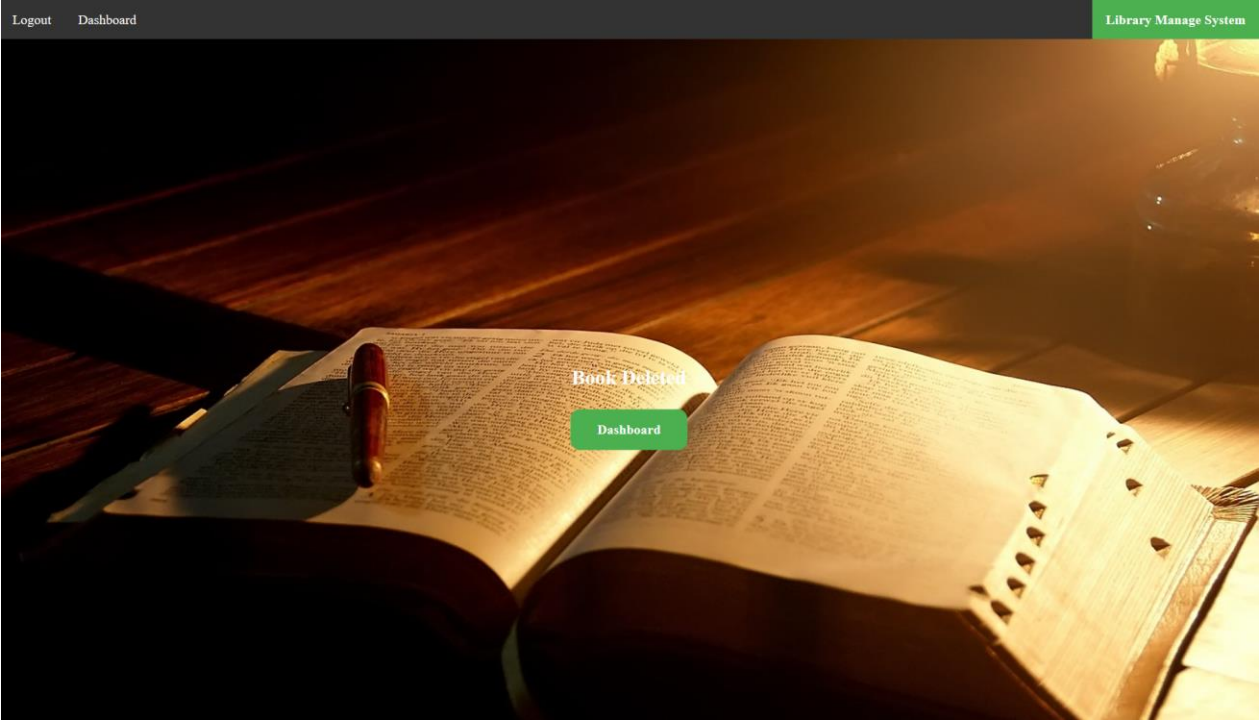
Add success:



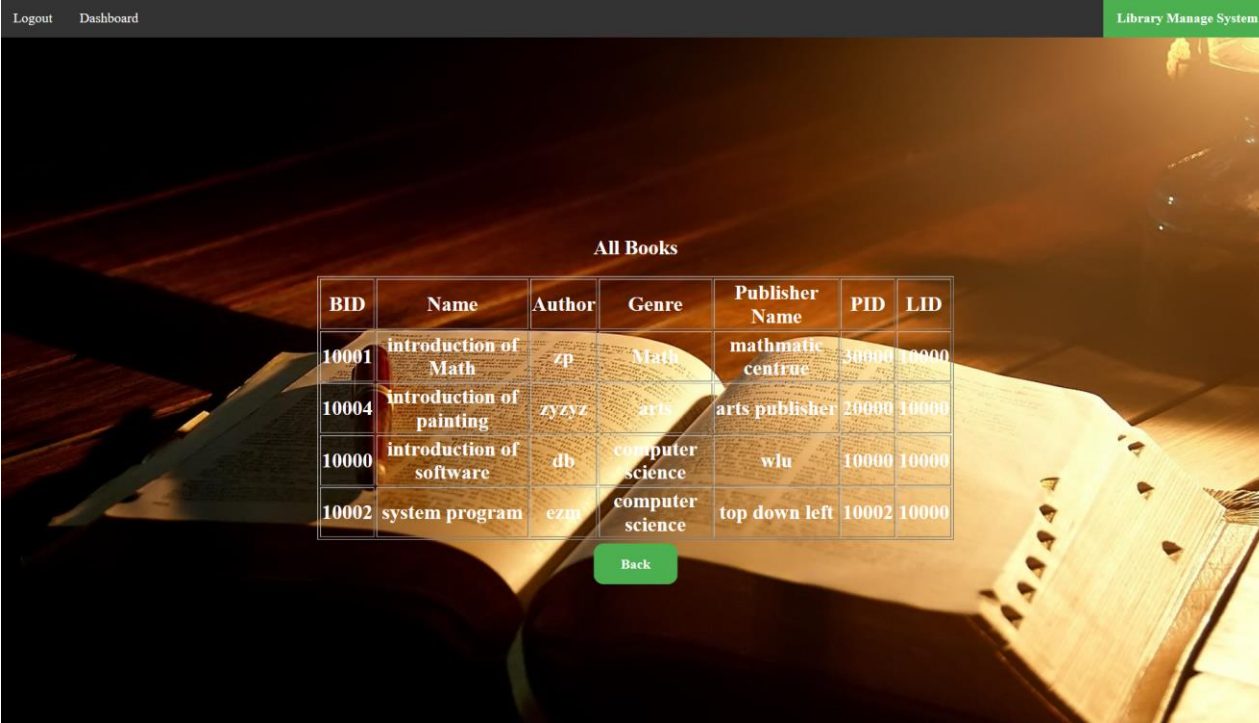
Remove book:



Remove success



view all books



Update admin:

Logout Dashboard Library Manage System

Enter New Admin Details

Enter LID of Admin

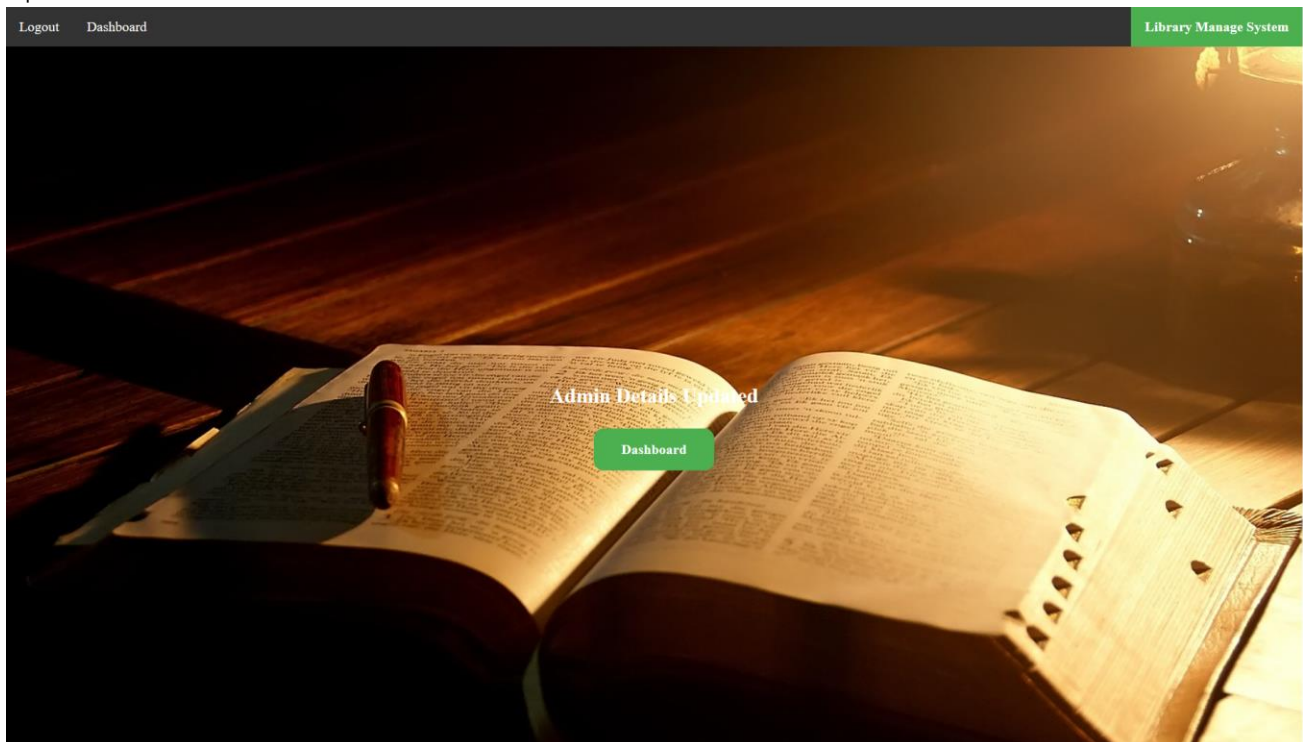
Enter Your Name

Date of Birth (YYYY-MM)

New Passkey

Enter your passkey to cp

Update success:



Admin add:

Logout Dashboard Library Manage System

Enter New Admin

Enter LID

Enter Name

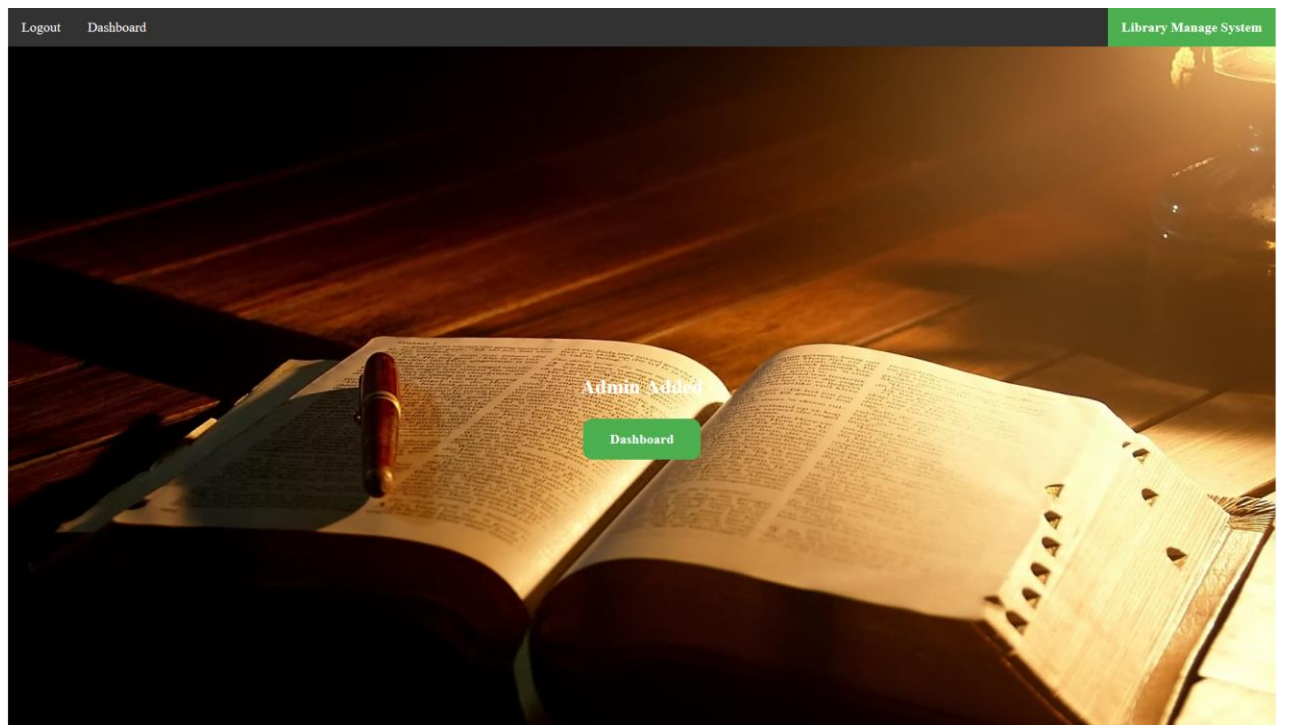
Date of Birth (YYYY-MM)

Create Passkey

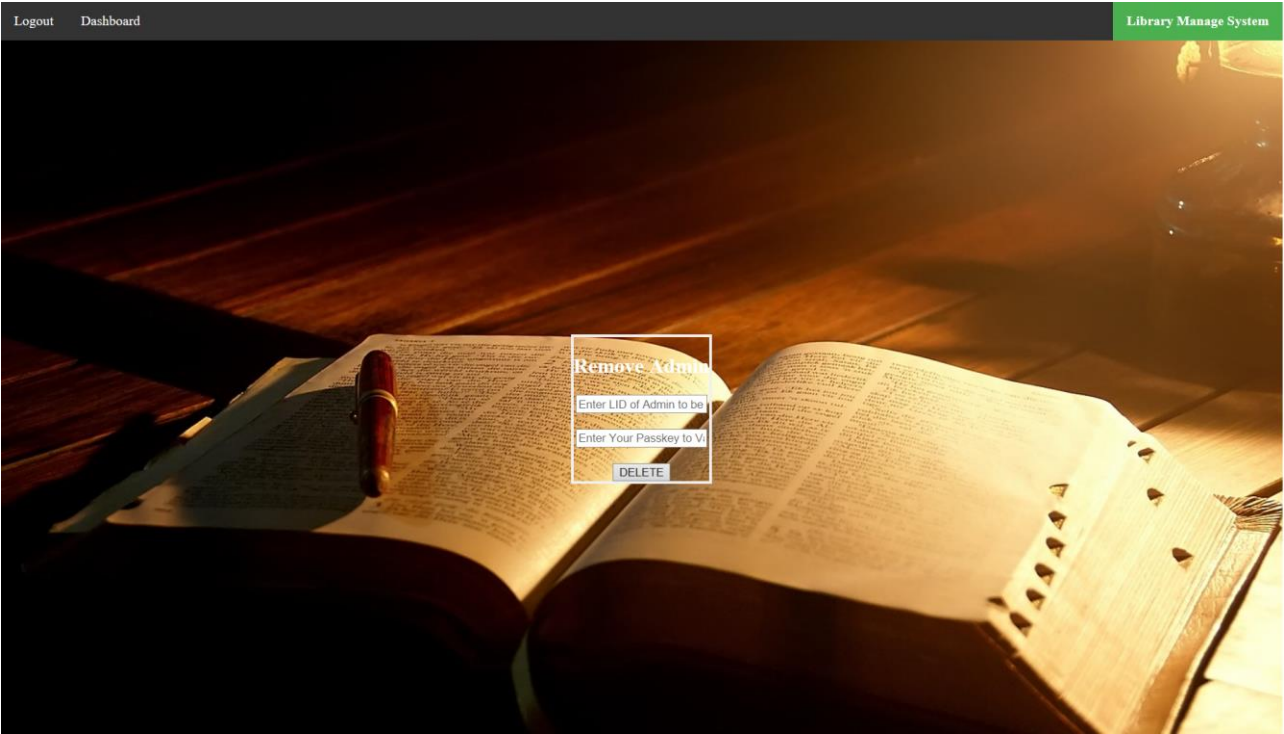
Enter your passkey to co

UPDATE

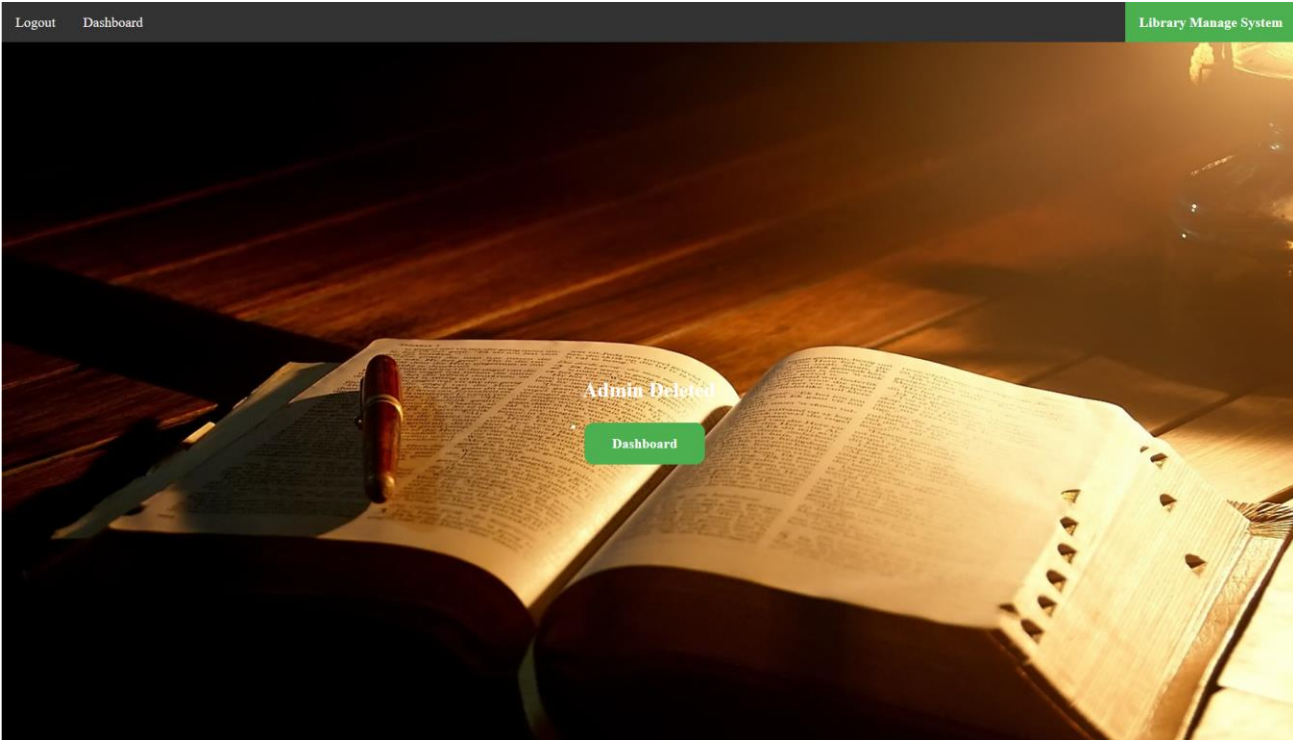
Add success



Remove admin:



Remove success:



View all admin:

LogoutDashboard

Library Manage System

All Admins

LID	Name	DOB	Passkey
10000	fan	1995-08-19	12345
10003	g fat	1880-02-19	12345
10001	zihua wang	1994-08-08	12345

Back

Remove member:

LogoutDashboard

Library Manage System

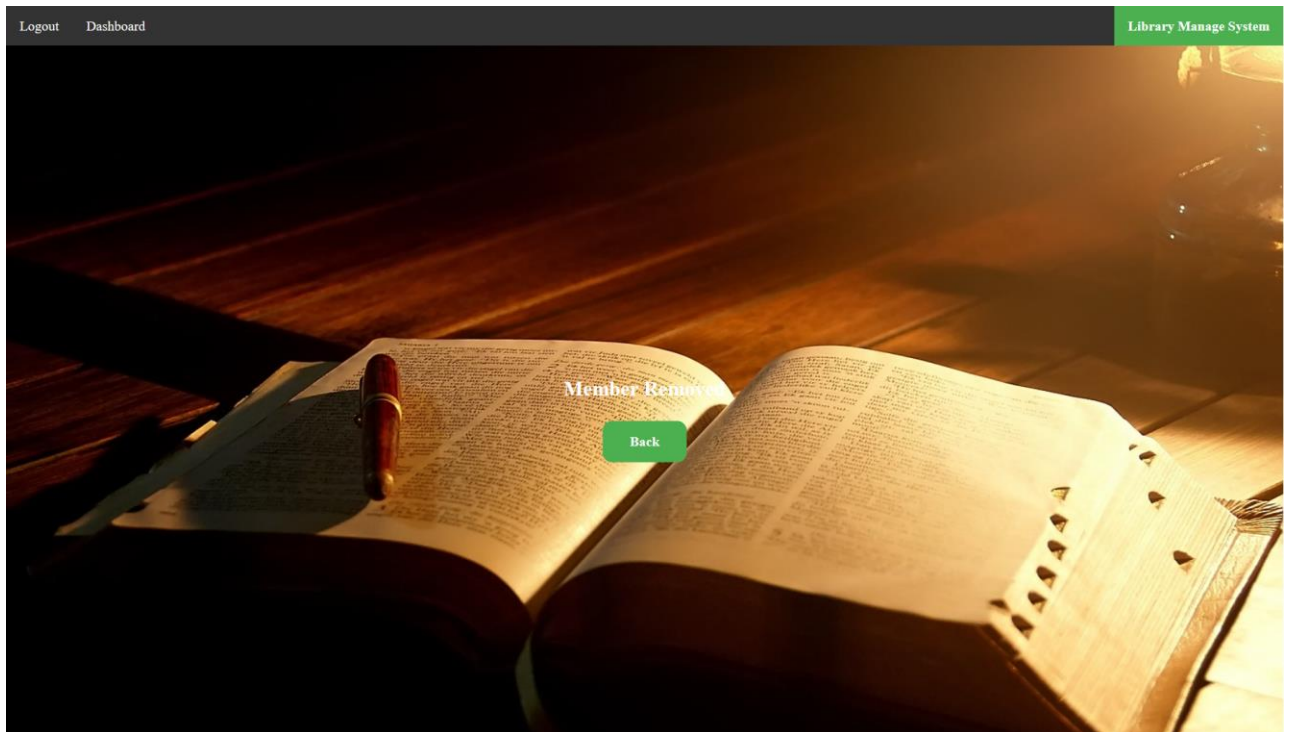
Remove Member

Enter MID of Member to

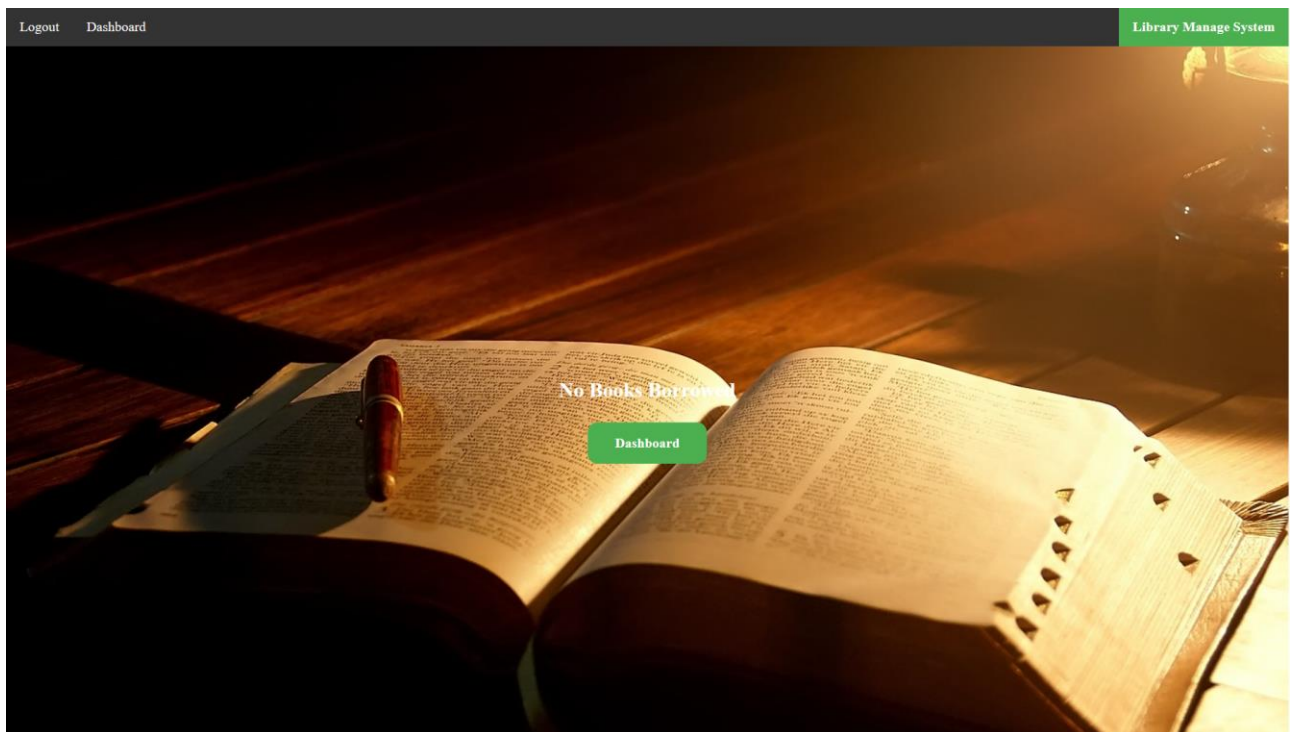
Enter Passkey To Confirm

REMOVE

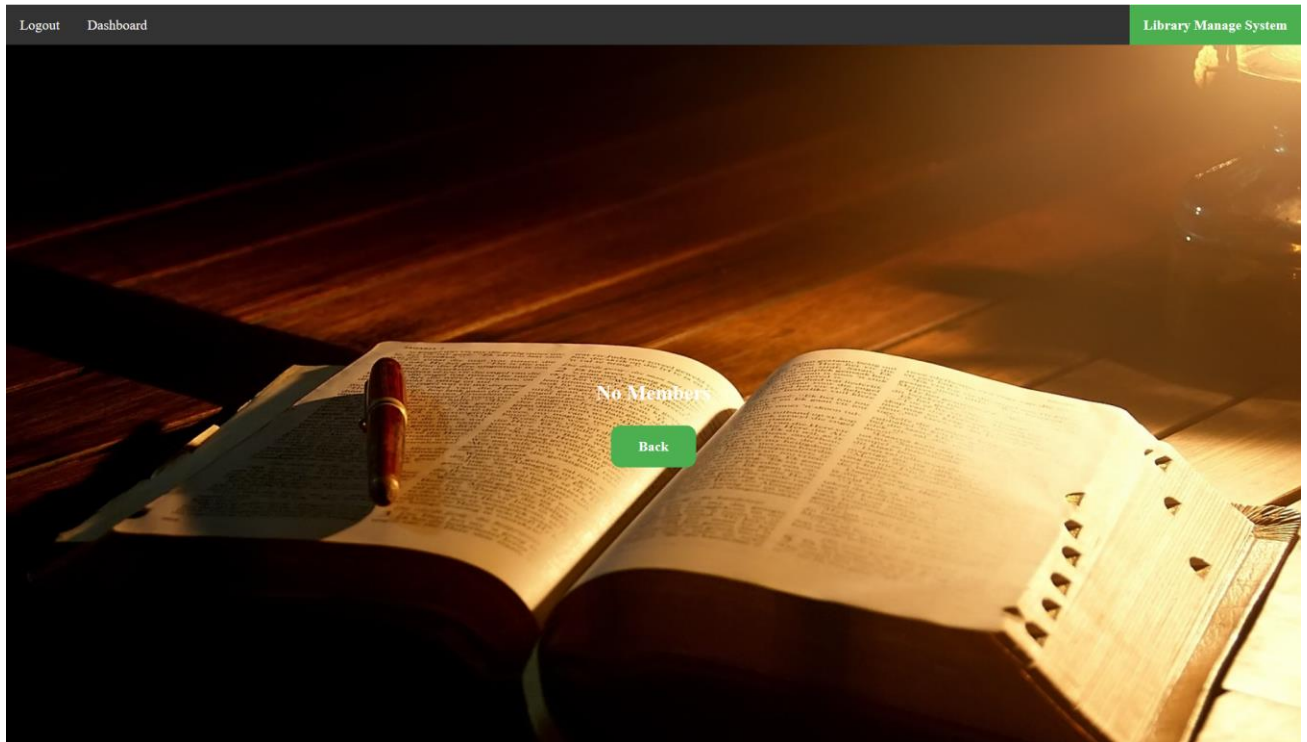
Delete success:



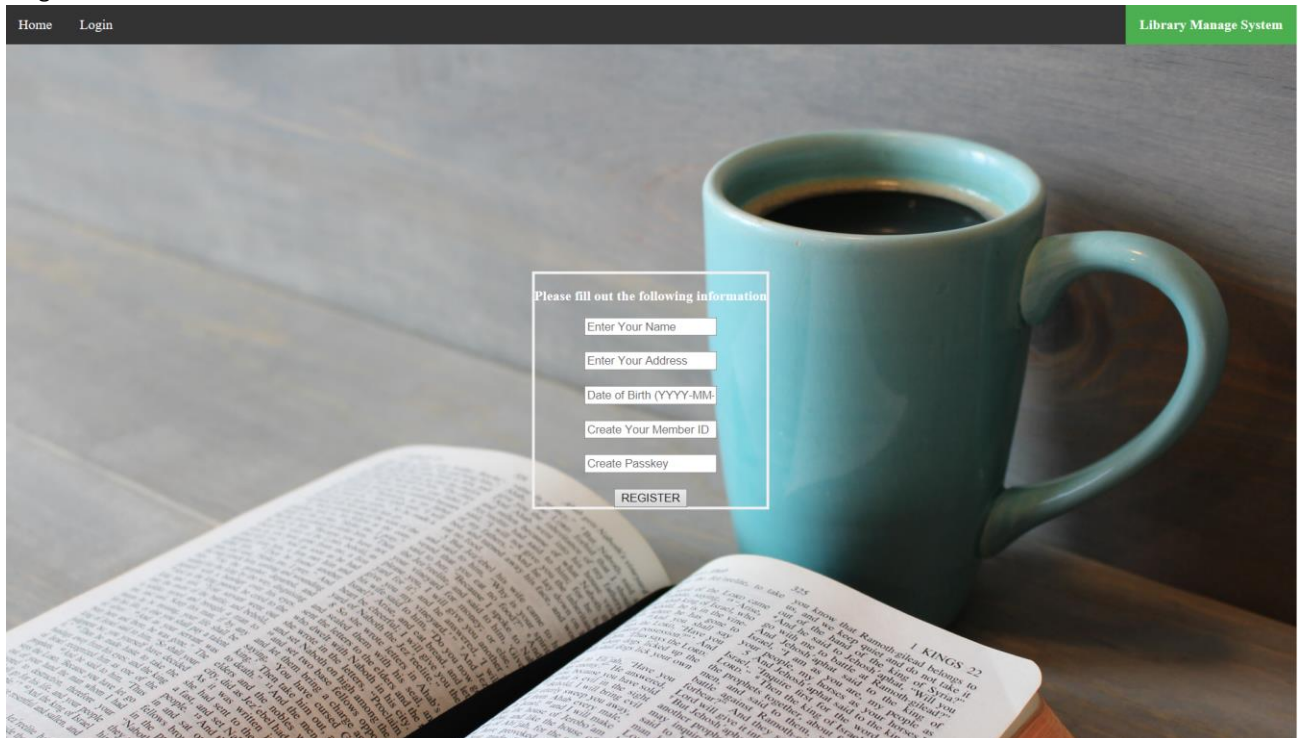
View borrowd book:



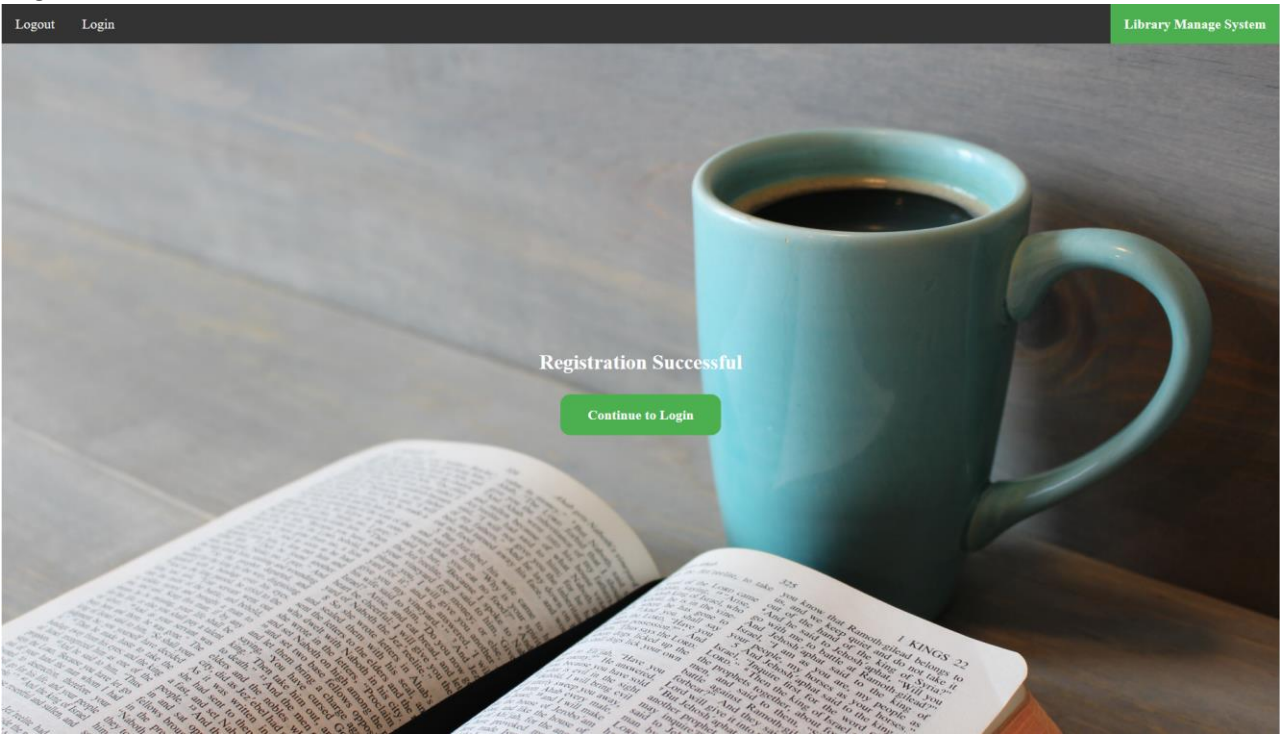
View all members:



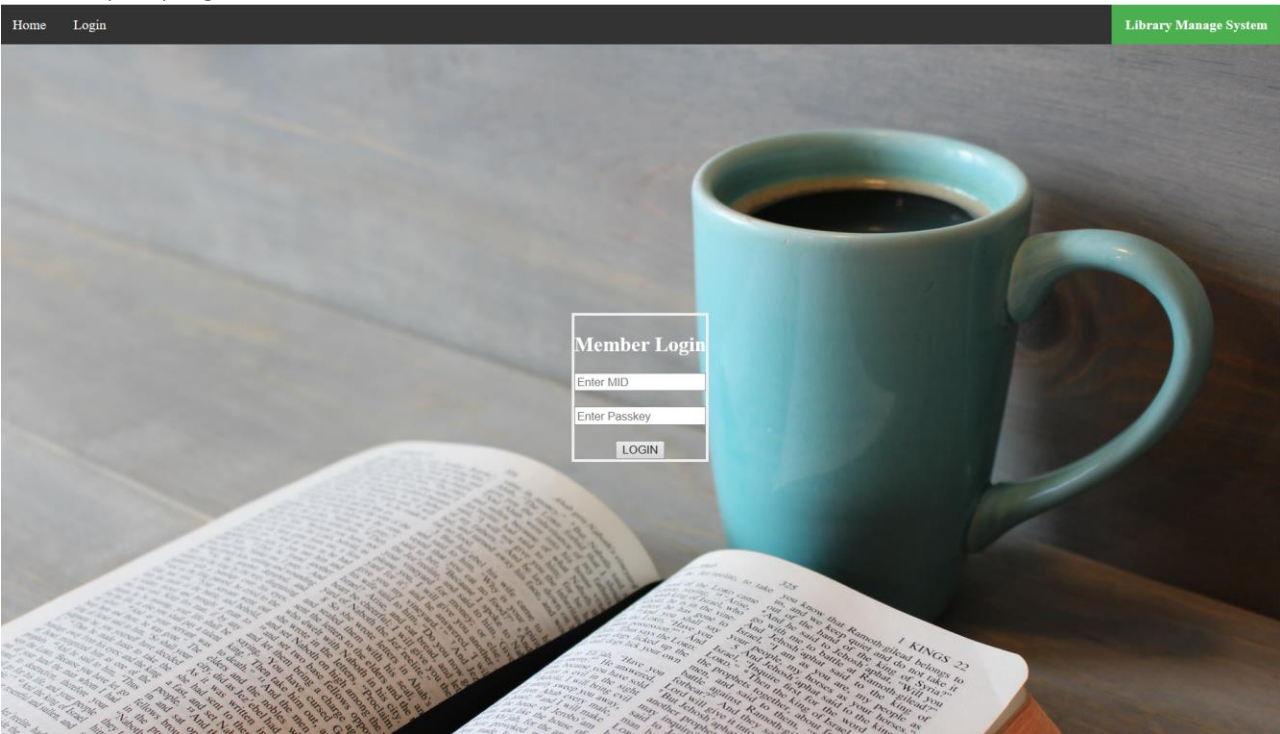
Register(user)



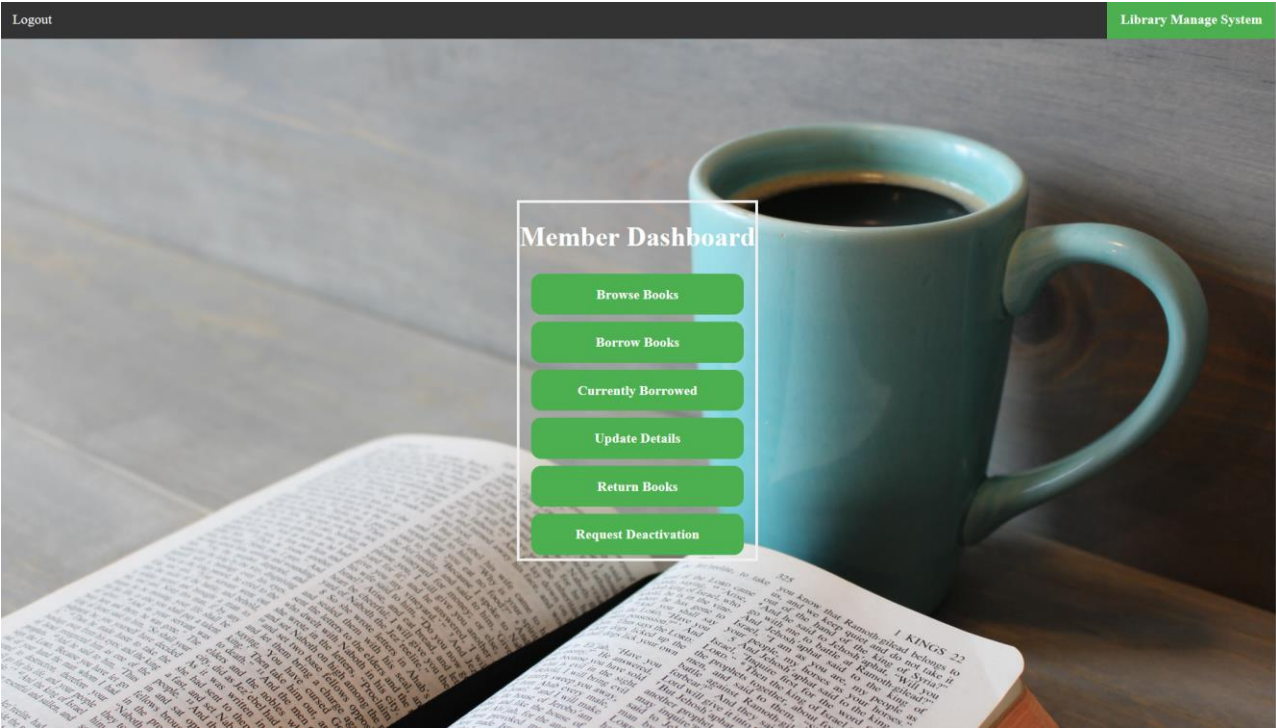
Register success:



Member(user) login:



Member(user) dashboard:



Browse book (available book):

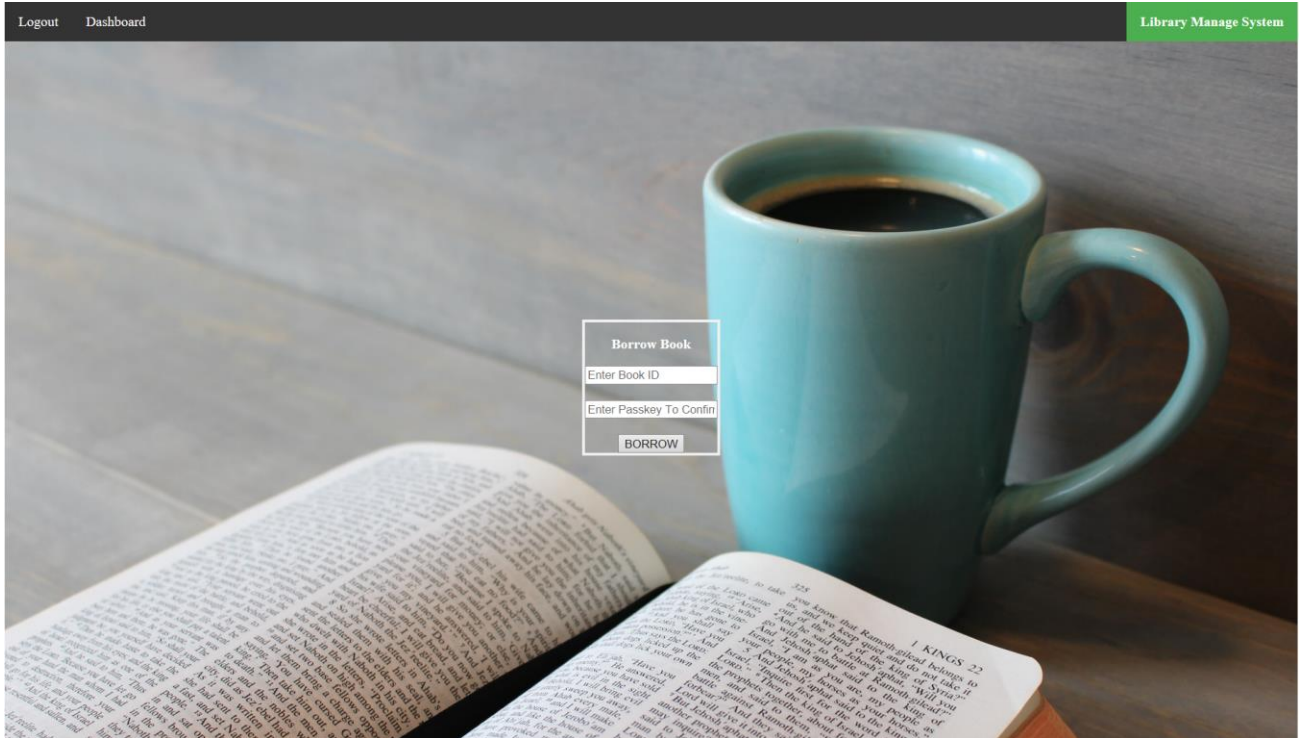


Borrow book:

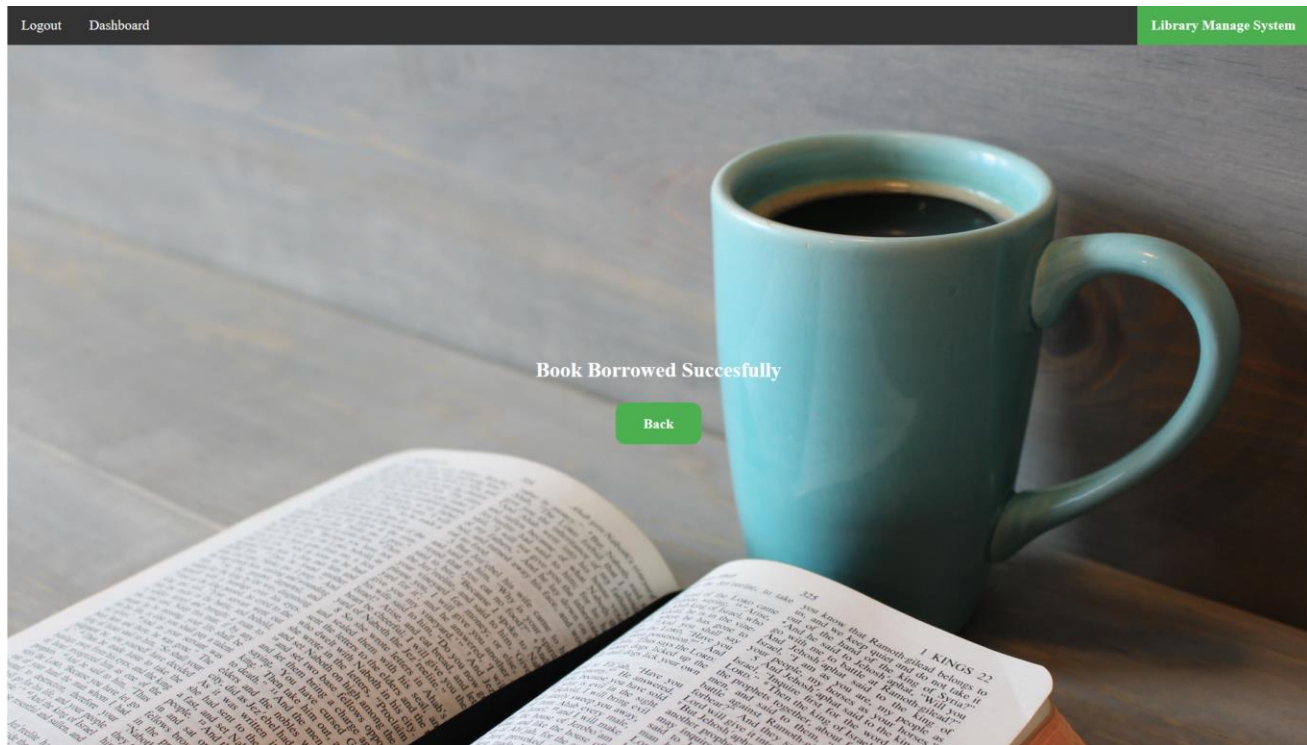
[Logout](#) [Dashboard](#) [Library Manage System](#)

Borrow Book

BORROW



Borrow success:



Currently borrowed:

LogoutDashboard

Library Manage System

Currently Borrowed

Number of books till borrow limit: 4

BID	Name	Author	Genre
10004	introduction of painting	zyyz	arts

Back

Update details:

LogoutDashboard

Library Manage System

Enter New Details

Enter Your Name

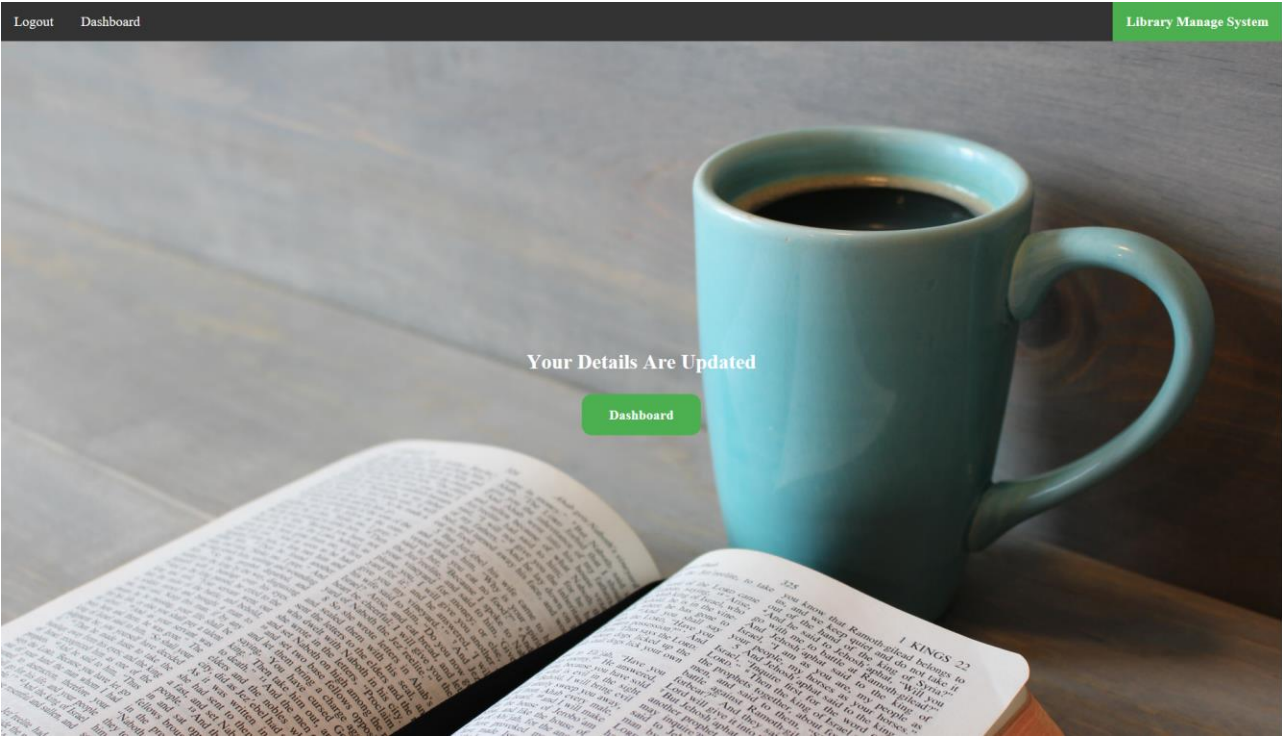
Enter Your Address

Date of Birth (YYYY-MM)

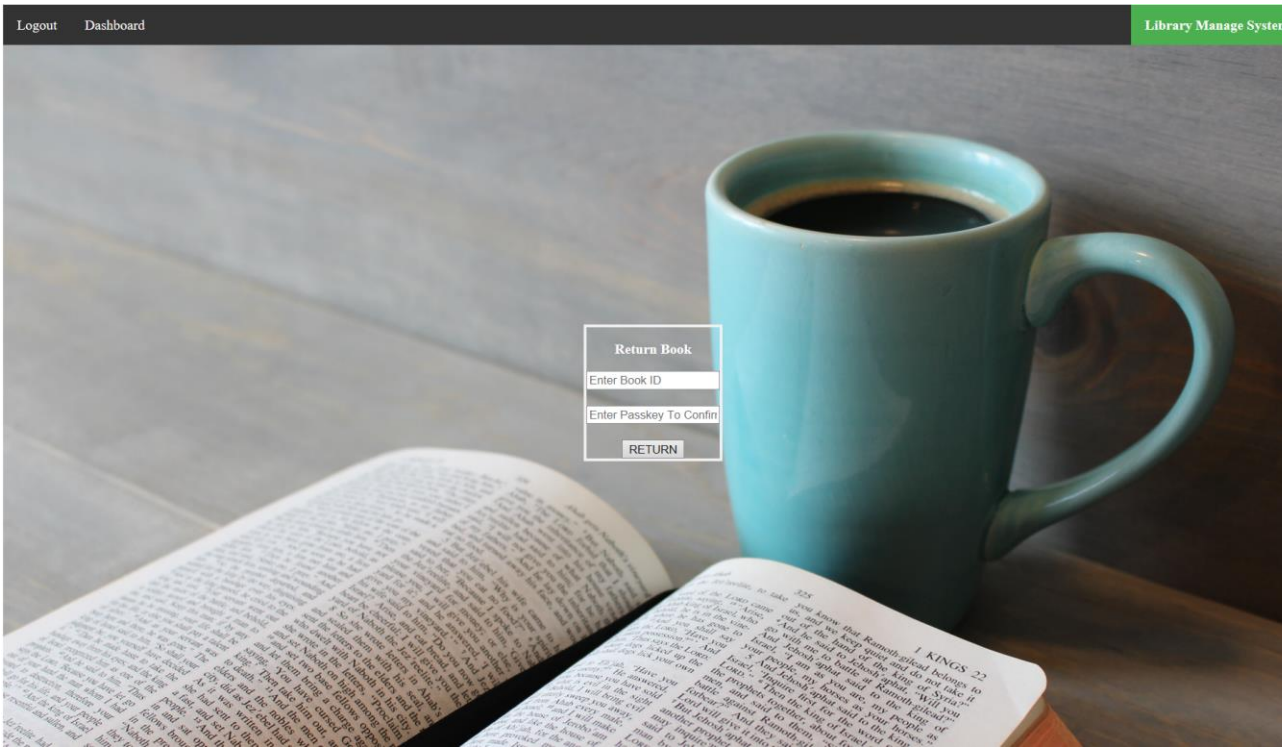
New Passkey

UPDATE

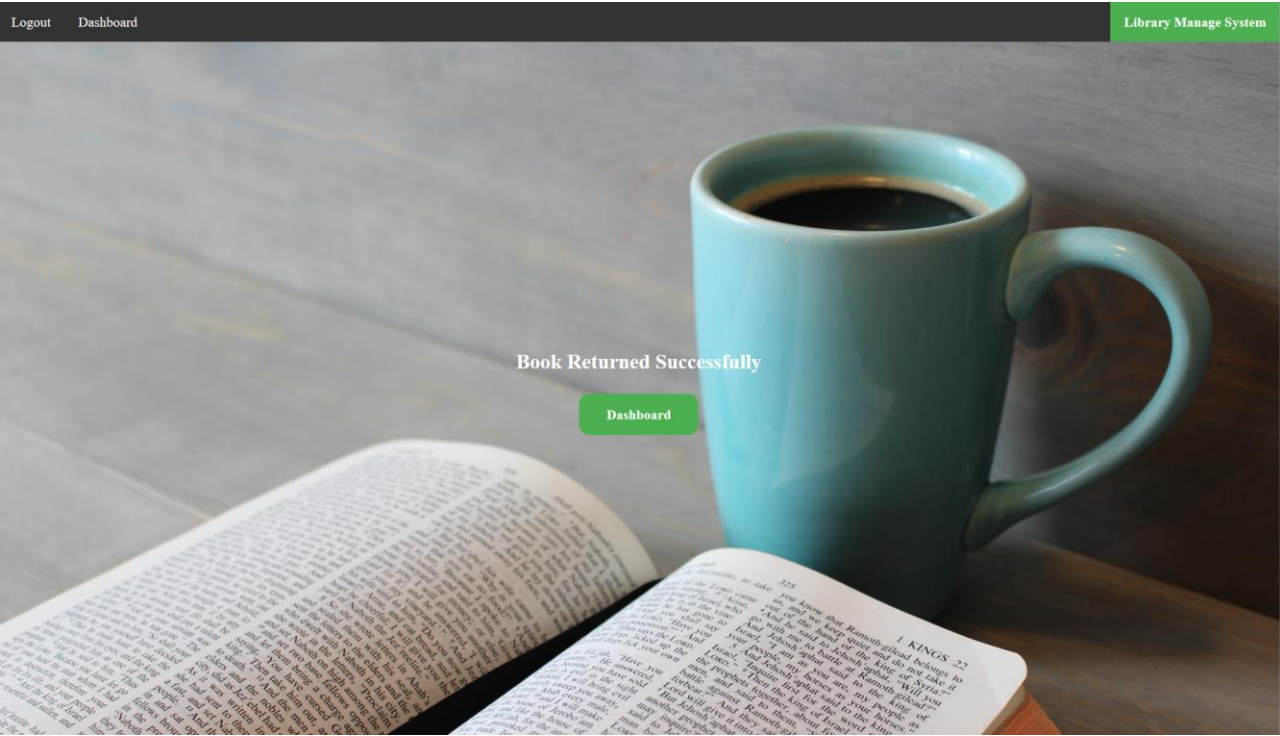
Update success:



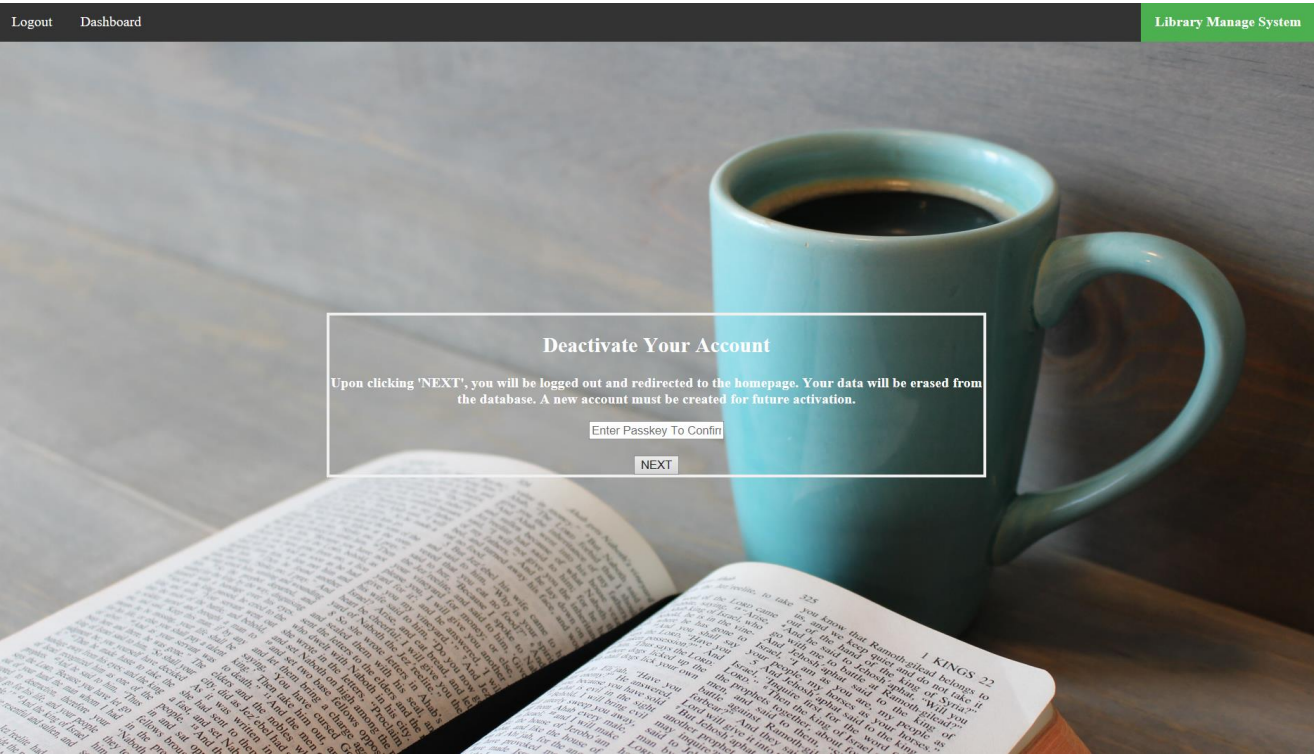
Return book:



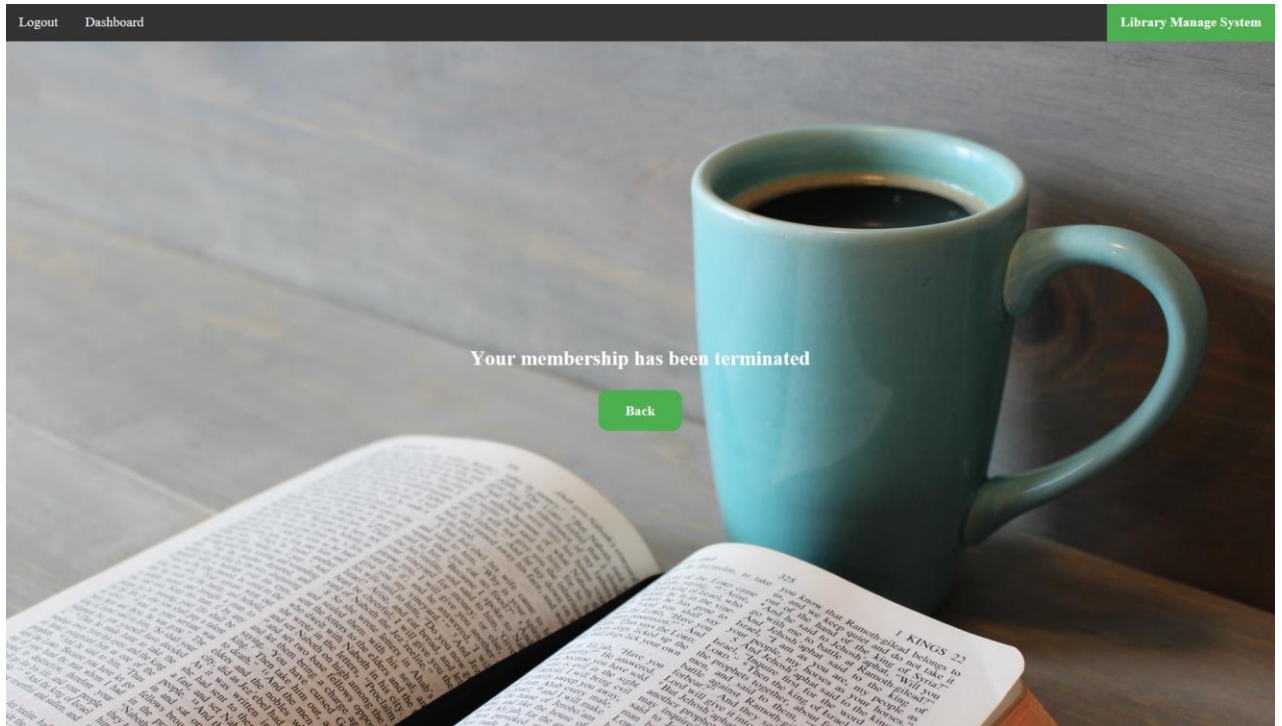
Return success:



Request deactivate:



Deactivate success:



Click back, return to homepage:



The End.