

PROJECT REPORT

SUBJECT: Web-Centric-Development

Team members: 1. JOHN SHaida SHAIK & 2. RICHARD ANTOINE IROUDAYARADJOU

PROJECT NAME: LIBRARY MANAGEMENT SYSTEM

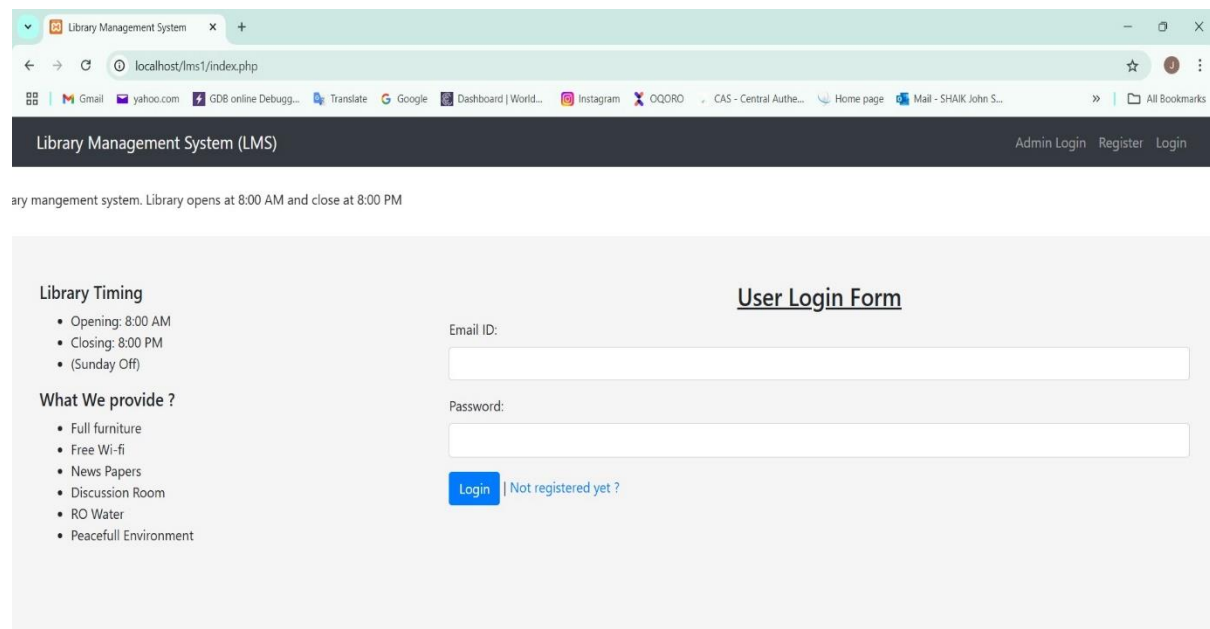
We have created a project on a Library Management System consisting of users and admins. Users can borrow books from the library, and the admin can issue the books to the registered users and registered admins can do all the library management.

For this project, we built the front-end part using HTML, CSS, and JavaScript, and the backend part was done by PHP and my SQL database. We use Xampp to connect our database. We also use Bootstrap to download forms and navigation bars.

DESIGNING USER AREA IN THE PROJECT

1.index.php

In this php text file we have created a user login form and navigation bar which consists of register and login.



Library Management System (LMS) Admin Login Register Login

Library opens at 8:00 AM and close at 8:00 PM

Library Timing

- Opening: 8:00 AM
- Closing: 8:00 PM
- (Sunday Off)

What We provide ?

- Full furniture
- Free Wi-fi
- News Papers
- Discussion Room
- RO Water
- Peacefull Environment

User Login Form

Email ID:

Password:

[Login](#) | [Not registered yet ?](#)

The above picture shows the user login page where a registered user can login from the database. Also we have created the user login using forms from bootstrap. Also index page consists of a nav bar and login form. The code and explanation is given below.

Navbar in user page



In the navbar we have Admin login, register and user login.

Register

On clicking on register we can register the user data into the database. And the page will be redirected to register.php. The code and the register.php will display below.

A screenshot of a web browser showing a registration form. The browser's address bar shows 'localhost/lms1/signup.php'. The page has a light grey background. On the left, there's a sidebar with 'Library Timing' (Opening: 8:00 AM, Closing: 8:00 PM, Sunday Off) and 'What We provide?' (Full furniture, Free Wi-fi, News Papers, Discussion Room, RO Water, Peacefull Environment). The main area is titled 'User Registration Form' and contains five input fields: 'Full Name:', 'Email ID:', 'Password:', 'Mobile:', and 'Address:'. A blue 'Register' button is at the bottom right of the form area.

After entering required data user can registered into the database. After hitting register button the page will be redirected to index.php where user can login to user_dashboard.

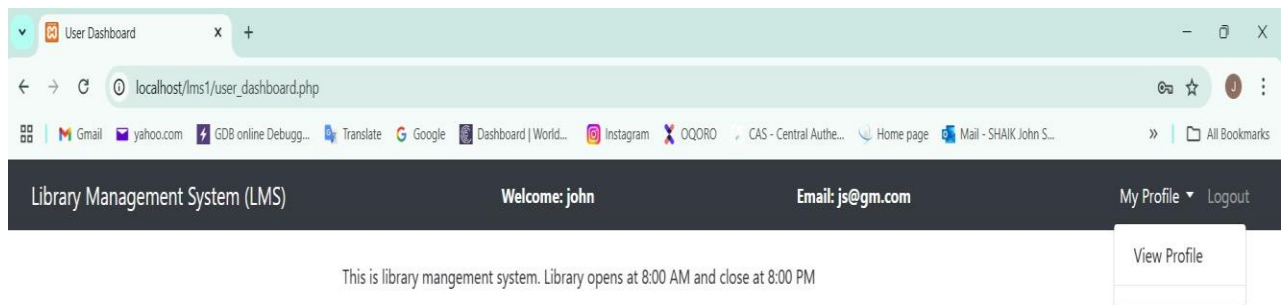
User login form

We have created a form and added two classes email and password, and a button type submit. Also, we use form action method post, for sending the data or retrieving the data from the database. Where a registered user can login using this form.

A screenshot of a 'User Login Form' on a light grey background. It has two input fields: 'Email ID:' and 'Password:'. Below the password field is a blue 'Login' button. To the right of the button is a link that says 'Not registered yet ?'.

Now registered user can login by entering his email address and password when he click on the submit button he will be redirected into user dashboard.

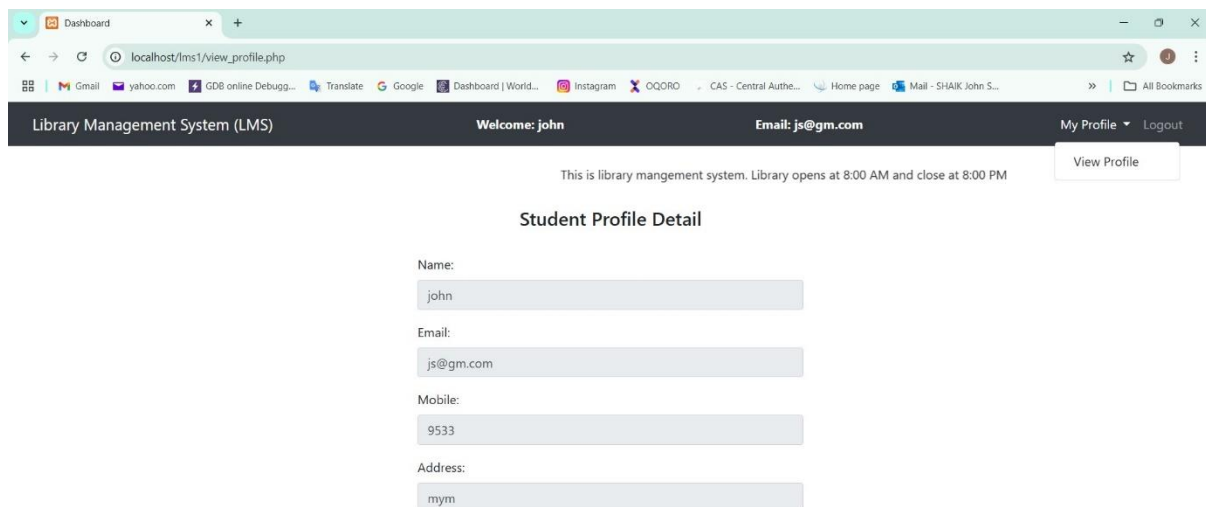
User Dashboard



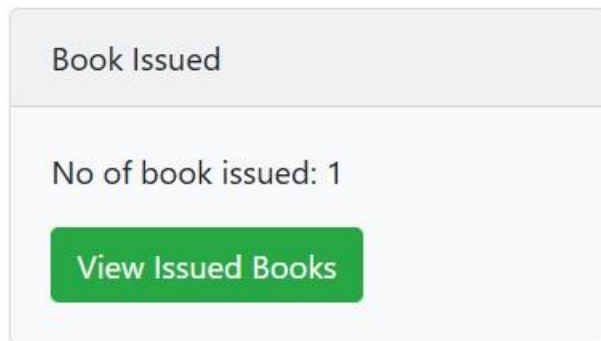
After entering login , the page is directed to the user_dashboard.php page where user name and email address displayed on the navigation bar. And there are My profile and logout.

My profile

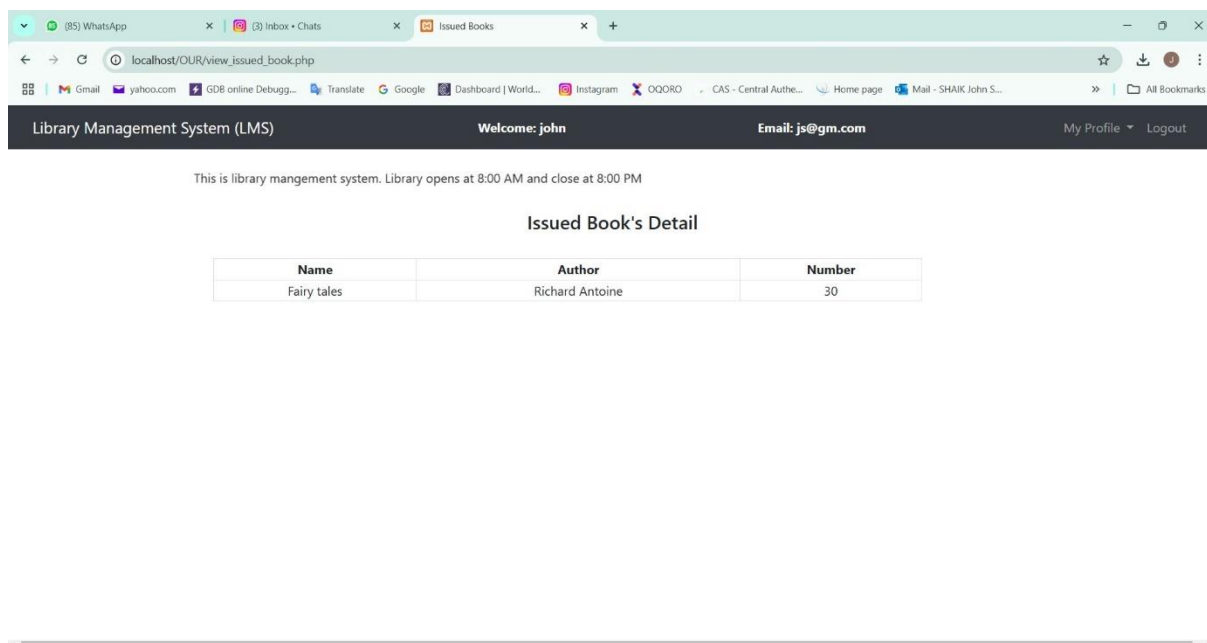
My profile is a dropdown menu where user can view his profile data. On clicking view profile option from the dropdown the user can redirected to viewprofile.php page. And user can see all data which is stored in the database.



BOOKS ISSUED



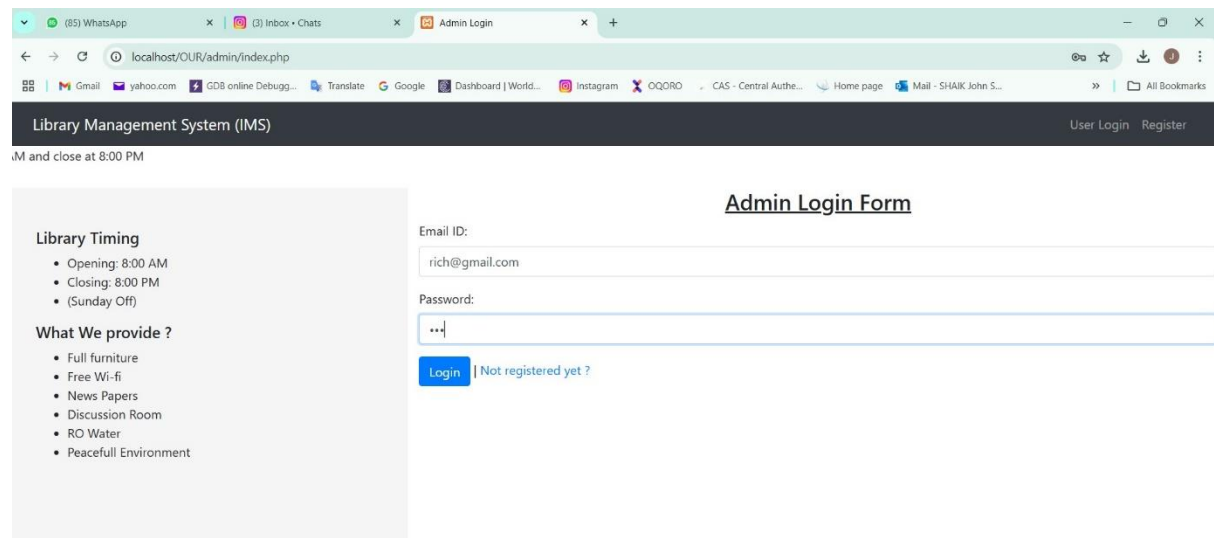
In the user dashboard, we have created a card named **Books Issued**, we use Bootstrap to create that card and there is a button to **view issued books**. on hitting the button the page will be redirected to the `view_issued_books.php` page and the page contains a table, in that table, we have data about the book that user has borrowed.



LOGOUT

on hitting logout, the page again redirected back to `index.php` of user and other user can login.

DESIGNING Admin AREA IN THE PROJECT



Library Management System (IMS) User Login Register

Library Timing

- Opening: 8:00 AM
- Closing: 8:00 PM
- (Sunday Off)

What We provide ?

- Full furniture
- Free Wi-fi
- News Papers
- Discussion Room
- RO Water
- Peacefull Environment

Admin Login Form

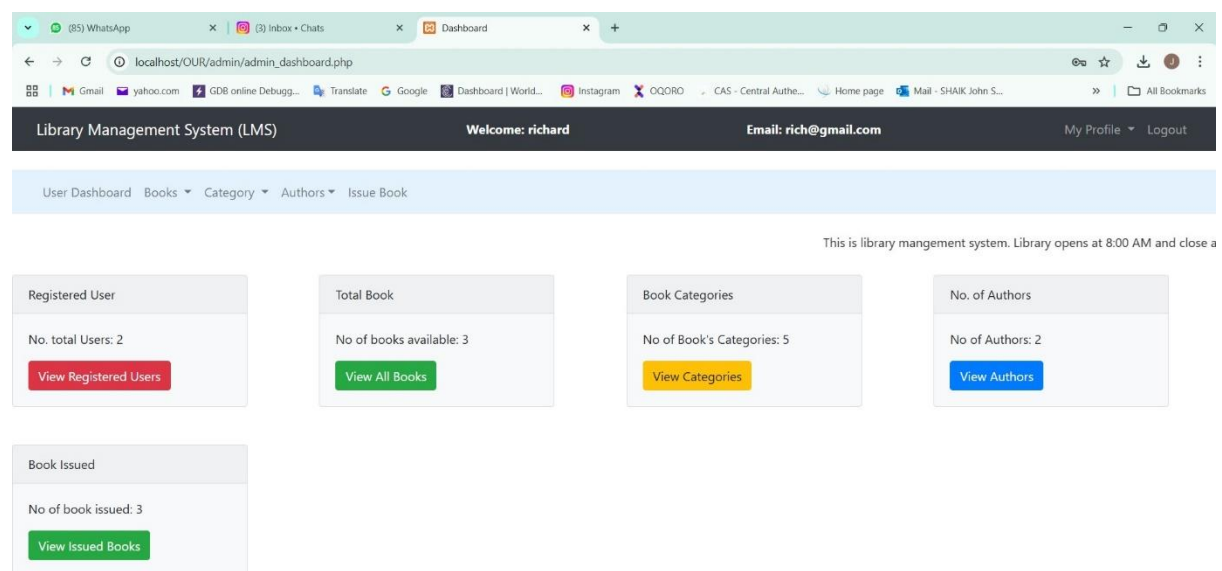
Email ID: rich@gmail.com

Password: ..

Login | Not registered yet ?

This is the admin/index.php page where an admin can log in using the Admin login form, we have created this page similar to the user login form, after filling the form with email and password and hitting the login button, the admin can be redirected to Admin_dashboard.php.

ADMIN DASHBOARD



Library Management System (LMS) Welcome: richard Email: rich@gmail.com My Profile Logout

User Dashboard Books Category Authors Issue Book

This is library mangement system. Library opens at 8:00 AM and close a

Registered User

No. total Users: 2

View Registered Users

Total Book

No of books available: 3

View All Books

Book Categories

No of Book's Categories: 5

View Categories

No. of Authors

No of Authors: 2

View Authors

Book Issued

No of book issued: 3

View Issued Books

In the admin dashboard, we have two nav bars and five cards with buttons in it. Each item in the admin dashboard has explained below,

1.Navbar1 with one dropdown menu My profile and logout option.

2.Navbar2 has four drop-down menus they are

2.1. Books

2.2 category

2.3 authors

2.4 Issue Books

3. we have 5 cards and with dedicated buttons they are,

3.1 registered users

3.2 Total Books

3.3 Book Categories

3.4 No of Authors

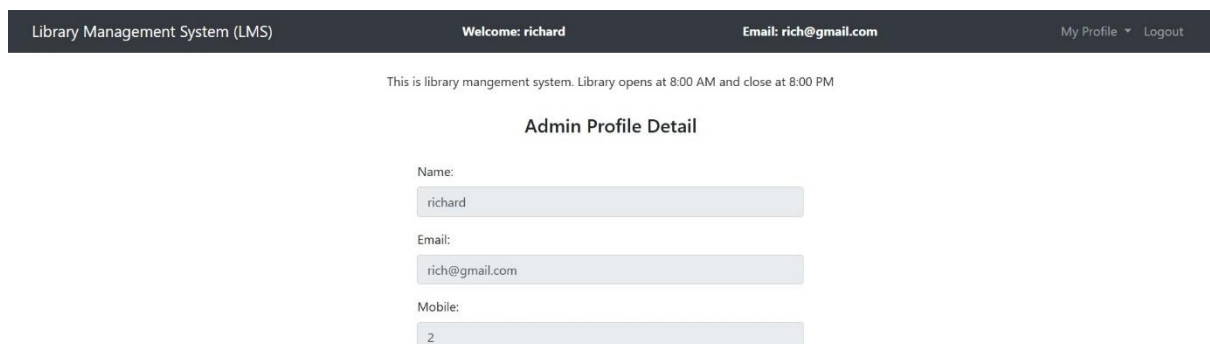
3.5 Book issued

Navbar 1



This is navbar 1 its says welcome admin name and displays his email and a dropdown menu which consists of view profile, edit profile and change password. And a logout button.

View profile



On clicking the view profile option from the dropdown the Admin can redirected to the view_profile.php page. Admin can see all data which is stored in the database.

Similarly, for edit profiles and changing password, the pages will be redirected to their specific pages edit_profile.php and change_password.php.

Library Management System (LMS) Welcome: richard Email: rich@gmail.com My Profile ▾ Logout

is library mangement system. Library opens at 8:00 AM and close at 8:00 PM

Edit Profile

Name:

Email:

Mobile:

- View Profile
- Edit Profile
- Change Password

After hitting the update button the modified data will be updated in the database.

Navbar-2

User Dashboard Books ▾ Category ▾ Authors ▾ Issue Book

This is library mangement system. Library opens at 8:00 AM and close at 8:00 PM

- Add New Book
- Manage Books

In the dropdown menu books we have add a new book and mange book, by using those two dropdown admin can add a new book to the database and the admin can manage a book in the database.

localhost/OUR/admin/add_book.php

Dashboard Books ▾ Category ▾ Authors ▾ Issue Book

This is library mangement system. Library open

Add a new Book

Book Name:

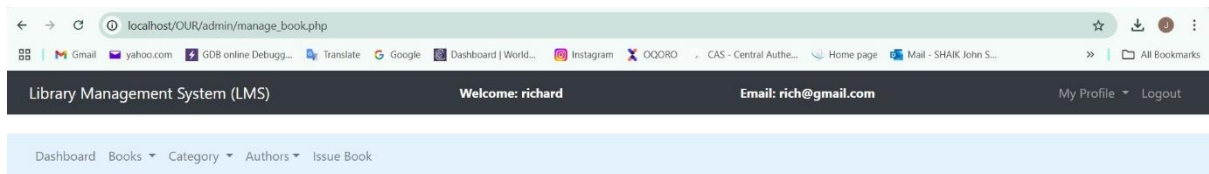
Author ID:

Category ID:

Book Number:

Book Price:

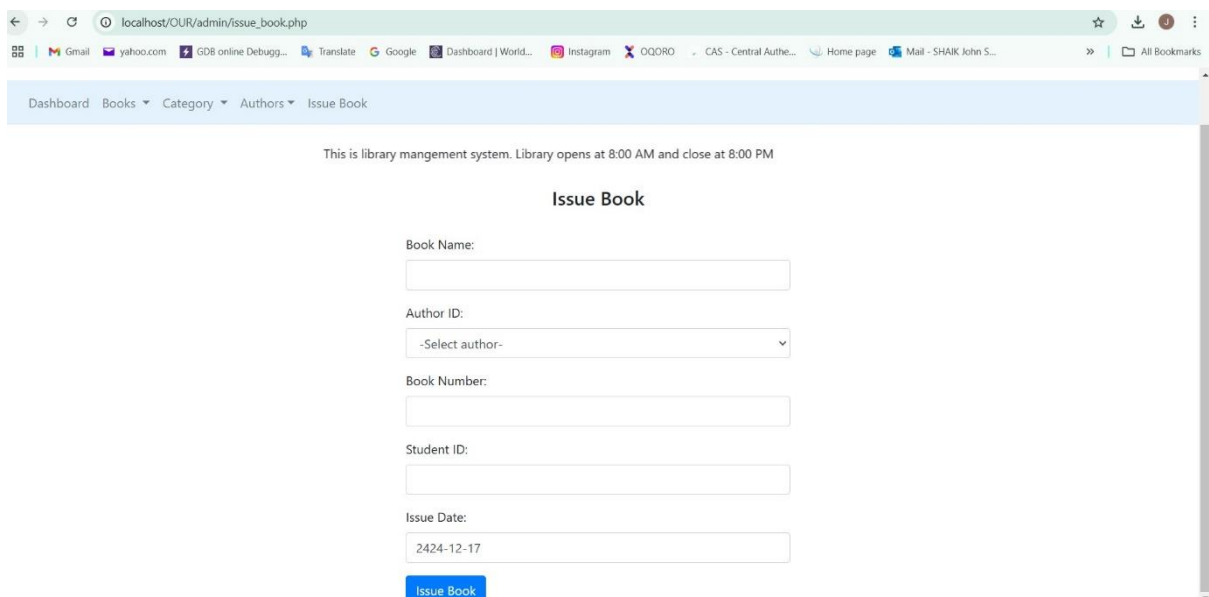
By hitting on add new book the page will be redirected to add_book.php page and a form will be displayed and books details will be entered into form and after hitting add book button the data will be saved in the database.



Manage Books

Name	Author	Category	ISBN No.	Price	Action
Software engineering	101	1	4518	270	Edit Delete
Data structure	102	2	6541	300	Edit Delete
Fairy tales	103	112	30	700	Edit Delete

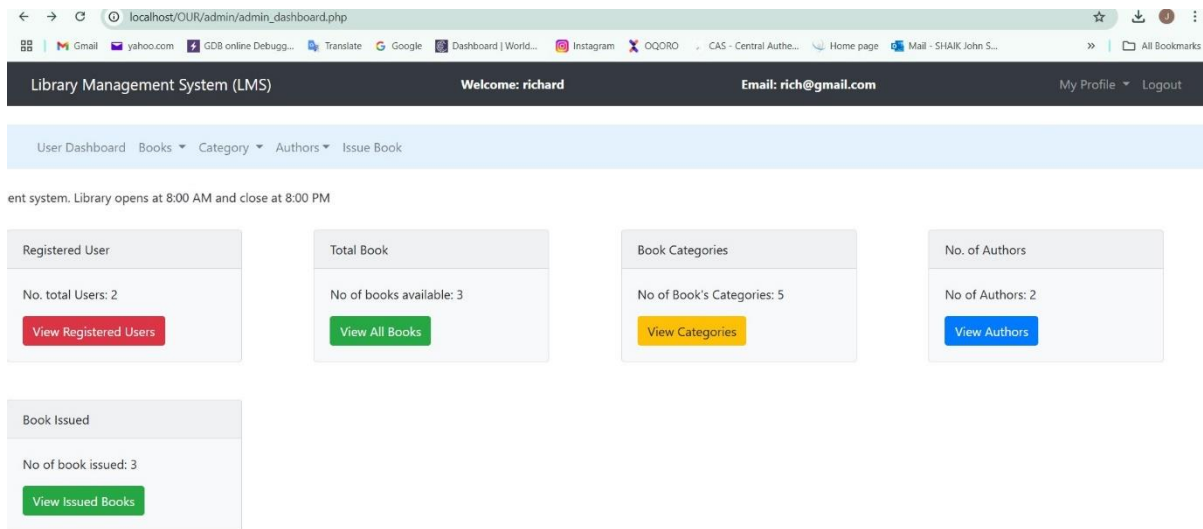
On hitting on manage books the table is displayed with books details which are stored in the database, Also admin can edit the book and delete the data of book from the database.



While clicking on the issue book from the dropdown menu Admin can issue a book to the registered user by filling the form.

Cards

We have created 5 cards with specific buttons to display the data of each card in the form of tables to the admin.



In the admin dashboard, we have created a card named **Books Issued**, we use Bootstrap to create that card and there is a button to admin/ **view issued books**. on hitting the button the page will be redirected to the admin/ view_issued_books.php page and the page contains a table, in that table, we have data about the book that user has borrowed.

Name	Author	Number	Student Name
Fairy tales	Richard Antoine	30	
Secrete	Richard Antoine	16	Richard Antoine
Fairy tales	Richard Antoine	30	john

Similarly, the admin can check registered users and another card to display the data in the form of the table by hitting the specific button on the card and the page will be redirected to their specific page. The example is given below.

This is library management system. Library opens at 8:00 AM and closes at 8:00 PM

Registered Users Detail

Name	Mobile	Email	Address	Image
Richard Antoine	09488510428	richard@gmail.com	Arulpadachi Street Nellithope	
john	123	js@gm.com	mym	

LOGOUT

on hitting logout, the page again redirected back to admin/ index.php of user and other user can login.