



A BOOK SHARING WEB PORTAL

PROJECT REPORT

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PROJECT MENTOR

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PROJECT DEVELOPERS

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Sagar Pamnani (Y-16) - Backend

Project Idea (What is the need ?) -

We have often come across a situation when we are in a need of some resource and we don't have it. This is because either the resource is unavailable or present in very limited amounts. Through our web application, we aim at overcoming the same problem with one such resource i.e BOOKS !!

Project Description -

Let's consider a situation - in school/college library it often happens that there is no availability of certain books other than academics which a student want to read. But that same book could be available with some other person on the campus. But the problem is that we couldn't get to know about that person who possesses it. We may call our friends for the same, but the resource may be available with some other person on campus.

In response to this problem Libromate - A Book Sharing Web Portal comes to your rescue. And yes this could also be used for Academics related books.

Working -

Consider two users A and B. A and B first create an account on our portal. Both the users add a list of books through Add Books link. Once added these books are immediately shown into their dashboard. Now suppose B wants a books named ' Harry Potter', then he will simply search that book and suppose it is found with A. Then B will simply request that book through the interface. If A agrees to share the book then he will accept the request following which the contact details of A will be available to B and vice-versa.

Technologies used in the project -

We have used **PHP** for backend development and **MySQL** for database management. Tech used in developing front end interface are - **HTML5, CSS3, Bootstrap 4 & JavaScript**.

Features and Functionalities -

Libromate is based on 2 user levels, namely admin and normal user. A normal user can perform functions like Add Book , Modify Book , Request Book and the also View Profile and Update it. At the admin level, the admin can Access user details and Modify it. Also the admin will act as a mediator to add books finally into the table and also modify it.

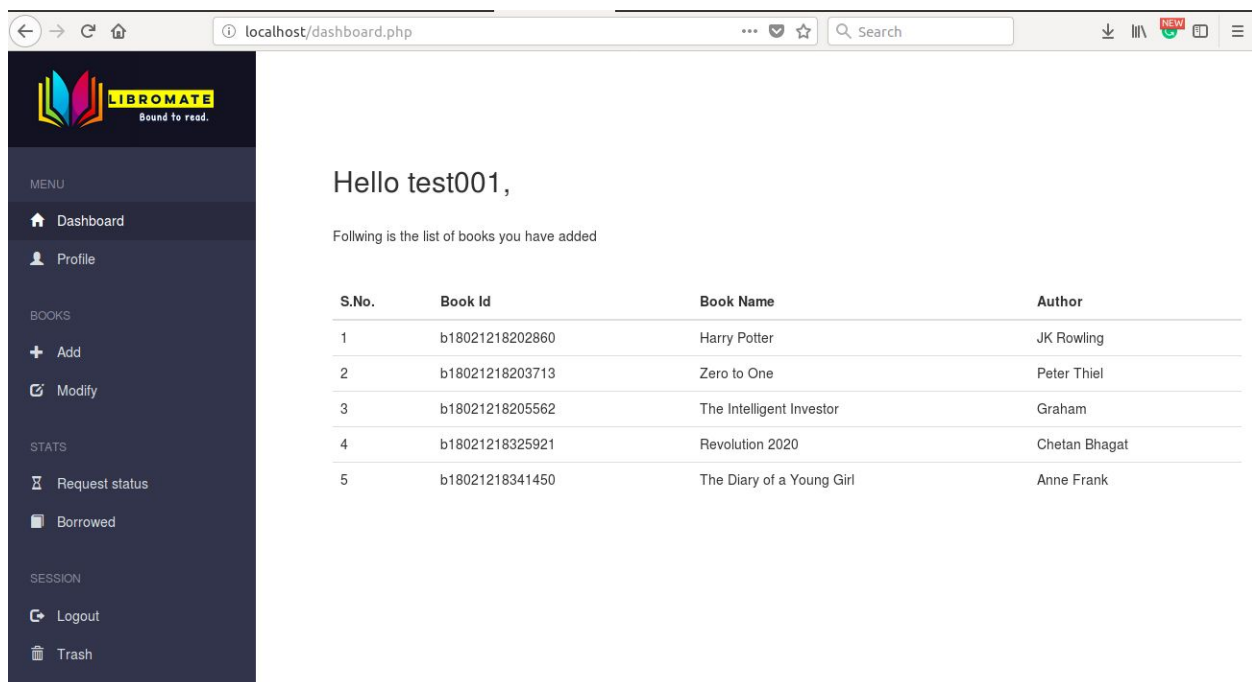
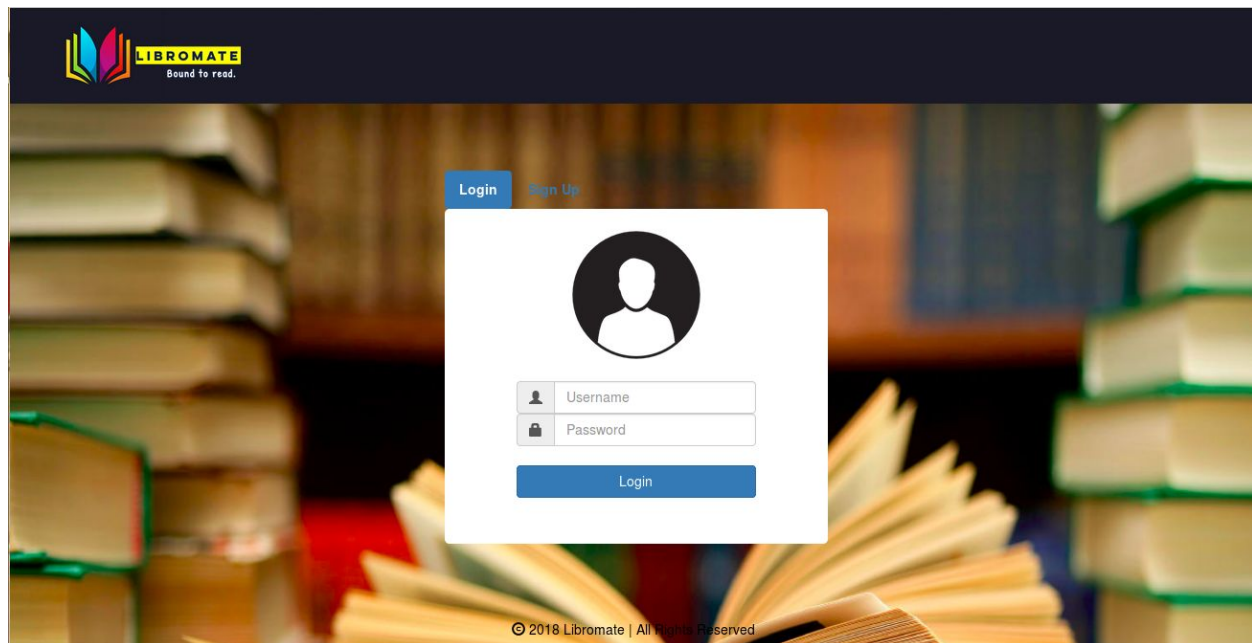
Reference/Study material links -


- PHP & MySQL : Lynda - PHP With MySQL - Essential Training videos
www.w3schools.com , www.tutorialrepublic.com
- CSS 3 ,Bootstrap 4, Javascript : Coursera - HTML CSS Javascript
www.w3schools.com
- Reference - www.stackoverflow.com

Project Installation -

- Copy all the project files to the localhost folder (/var/www/html) in your system.
- Create a new user with following credentials :-
 - Username: slp
 - Password: qwerty
 - Database_name: libromate
- Dump the database.sql file to the database.
- Run the project using the URL - "localhost"

Project Screenshots -





LIBROMATE

Bound to read.

MENU

Dashboard

Profile

BOOKS

Add

Modify

STATS

Request status

Borrowed

SESSION


Logout

Trash

Hello test001,

| | |
|--------------|----------------------------------|
| Name | test1 |
| Username | test001 |
| Password | 5f6bbfd9368fd40cc929742443846da0 |
| E-mail Id | test1@gmail.com |
| Phone Number | 9876543210 |
| Points | 10 |

localhost/profile.php



LIBROMATE

Bound to read.

MENU

Dashboard

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SESSION

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Trash

Add Books


Book Name

Author name

Add

Reset


localhost/add.php




LIBROMATE


Bound to read.


MENU

 Dashboard


 Profile


BOOKS

 Add


 Modify


STATS

 Request status

 Borrowed

SESSION

 Logout











 Trash

localhost/modify.php

localhost/modify.php

Search

NEW

| S.No. | Book Id | Book Name | Author | Edit Book | Delete Book |
|-------|-----------------|---------------------------|---------------|---|---|
| 1 | b18021218202860 | Harry Potter | JK Rowling |  |  |
| 2 | b18021218203713 | Zero to One | Peter Thiel |  |  |
| 3 | b18021218205562 | The Intelligent Investor | Graham |  |  |
| 4 | b18021218325921 | Revolution 2020 | Chetan Bhagat |  |  |
| 5 | b18021218341450 | The Diary of a Young Girl | Anne Frank |  |  |

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