



## **A BOOK SHARING WEB PORTAL**

### **PROJECT REPORT**

**FEBRUARY 12,2018**

#### ***PROJECT MENTOR***

**Neelesh Singh Rajpurohit**

**Email - [rneelesh229@gmail.com](mailto:rneelesh229@gmail.com)**

**Phone - 9971751205**

#### ***PROJECT DEVELOPERS***

**Aashish Raj Gupta (Y-16) - Full Stack**

**Prateek Mittal (Y-16) - Full Stack**

**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 -

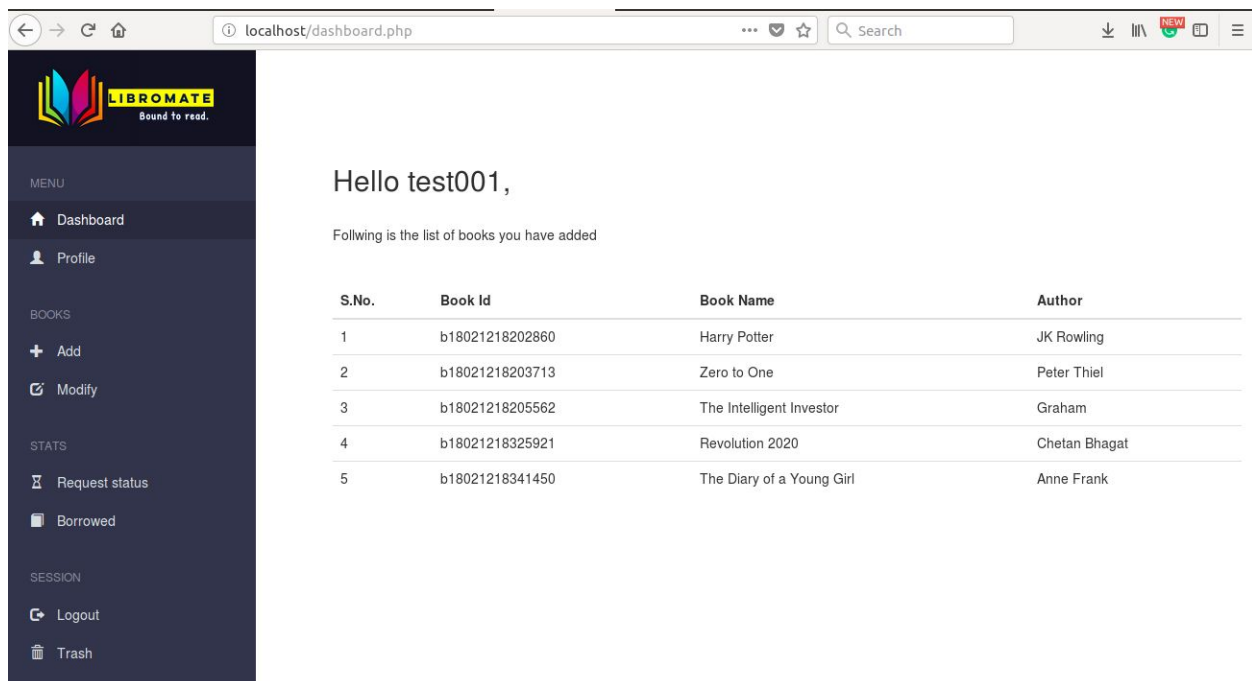
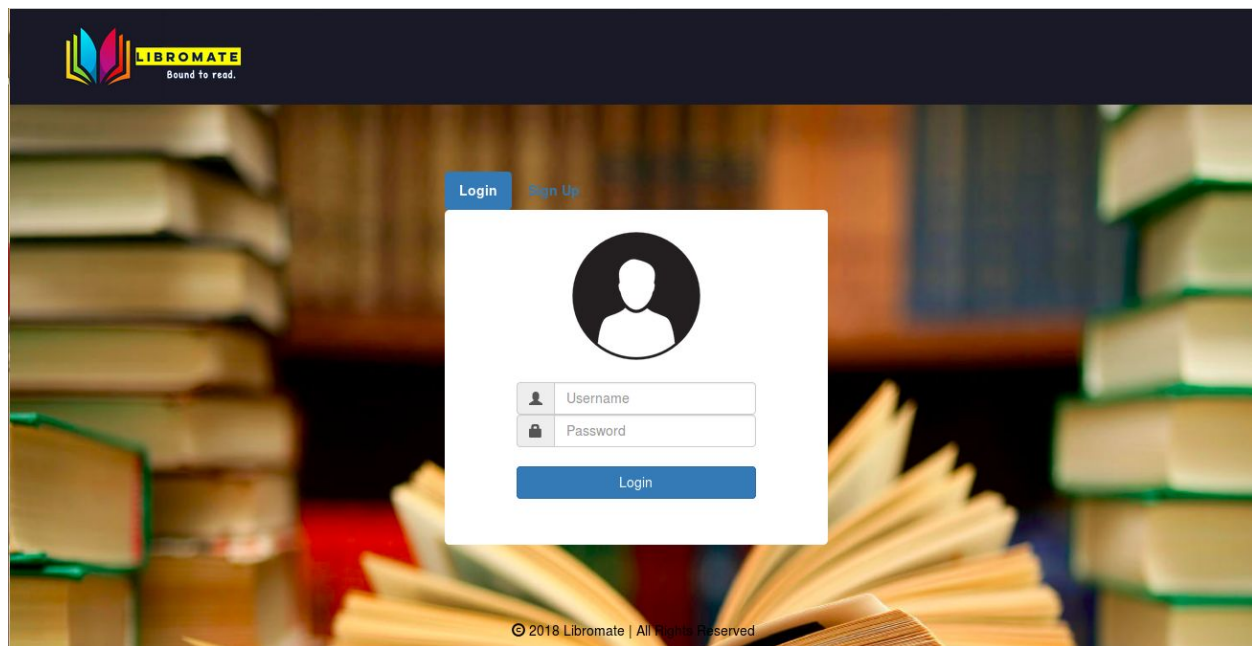
- PHP & MySQL : Lynda - PHP With MySQL - Essential Training videos  
[www.w3schools.com](http://www.w3schools.com) , [www.tutorialrepublic.com](http://www.tutorialrepublic.com)
- CSS 3 ,Bootstrap 4, Javascript : Coursera - HTML CSS Javascript  
[www.w3schools.com](http://www.w3schools.com)
- Reference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

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Logout

Trash

Add Books



Book Name




Author name

Add

Reset


localhost/add.php




LIBROMATE


Bound to read.


MENU

 Dashboard


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BOOKS

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 Modify


STATS

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 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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