

LIBRARY MANAGEMENT SYSTEM (LMS 1.0)

GLA university mathura uttar pradesh

Prepared by:

Rinku

Vijay Kumar

Arpit Gupta

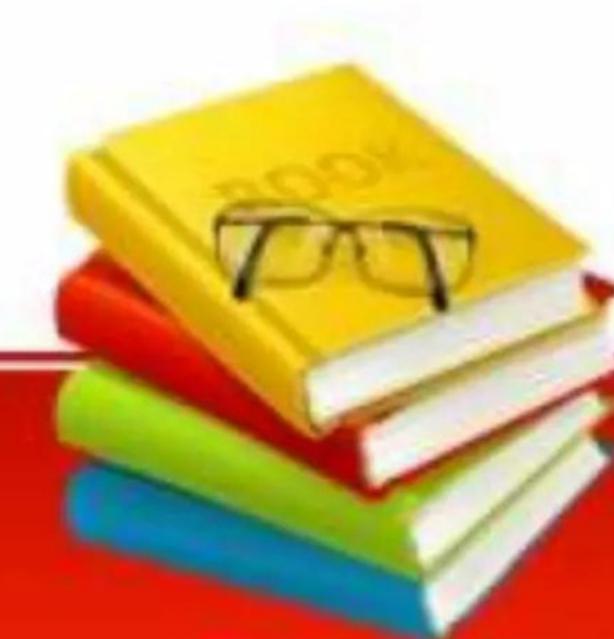
Supervisor :

Mr.sanjay madaan



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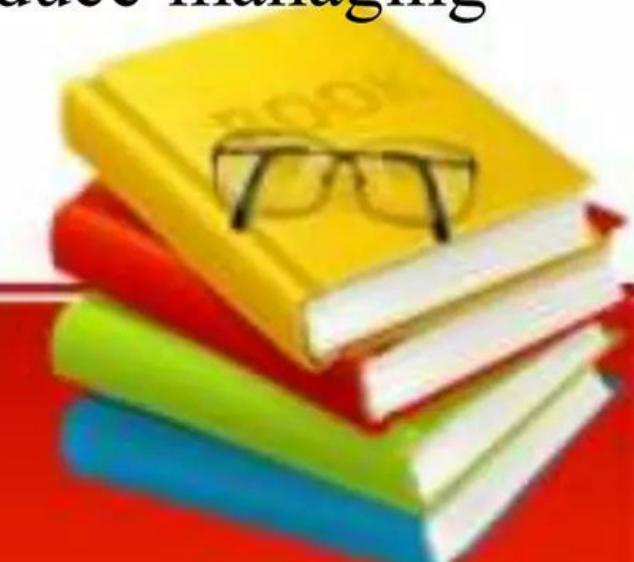
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Introduction

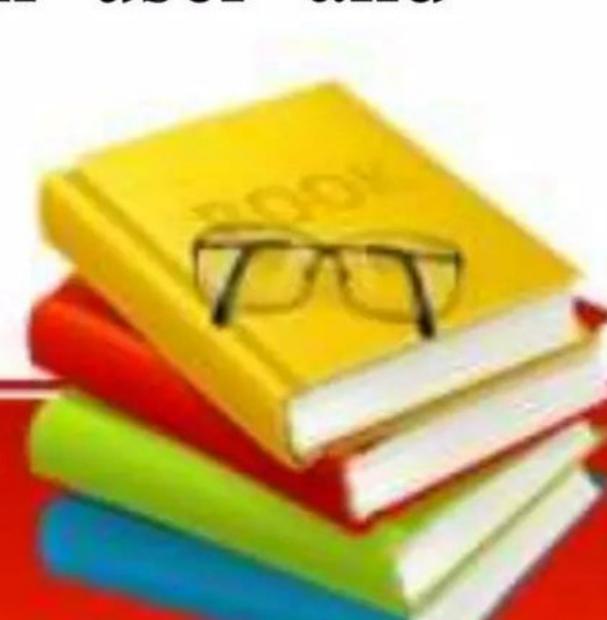
Information Technology has revolutionized the life of human beings and has made lives easier by the various kinds of applications. In the light of the rapid changes with the use of Information Technology, there are many tools, technologies and systems that have been produced and invented. This project is concerned with developing a Library Management System for Agape Youth Library in order to make library management more efficient and easy to handle. The Library management system enables a fully automated library service. It has the ability to display the details of the books available in various departments, the transactions of books and about the book holders.

The goals of this project are to provide simplicity as well as security and efficiency to the management of Agape Youth Library and also reduce managing personnel in the library.



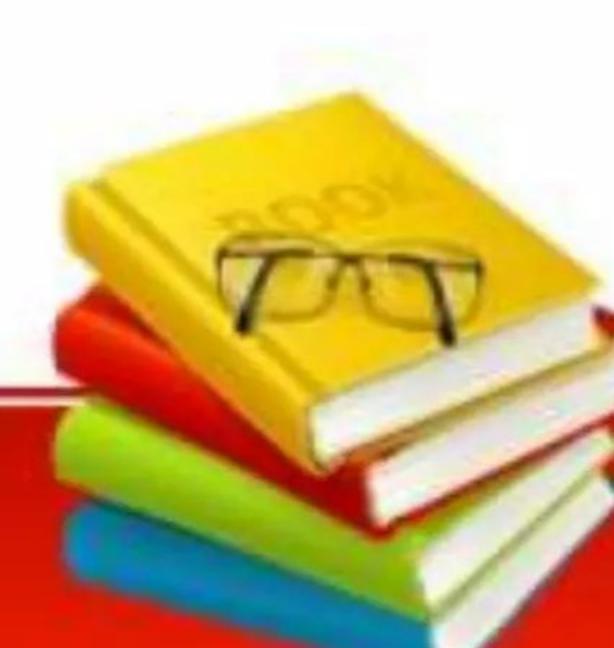
Purpose

1. It provides "better and efficient" service to members.
2. Reduce the workload of librarian.
3. Faster retrieval of information about the desired book.
4. Provide facility for proper monitoring reduce paper work and provide data security.
5. All details will be available on a click for both user and librarian.



Project Scope

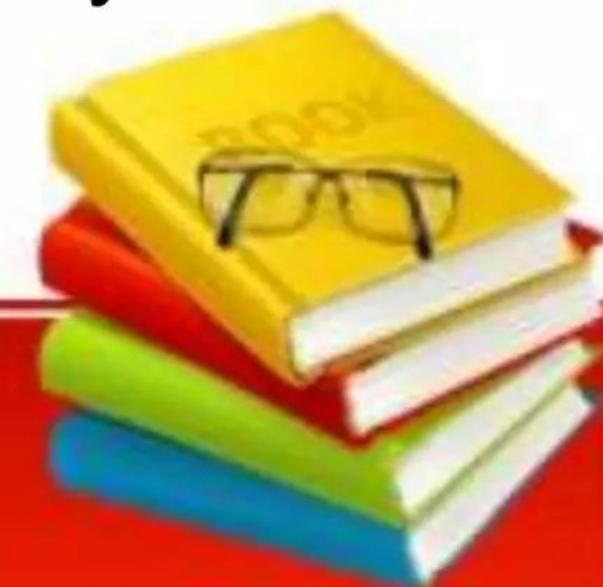
Many libraries are operated manually by a group of people. These people keep records regarding the books & students (borrowers), check the books manually and keep records on issued books. All these things have to be carried out manually and if the library is very large, proper record keeping will become a major problem as manual record keeping has never been a reliable method because people tend to forget things.



Solution of The Problem

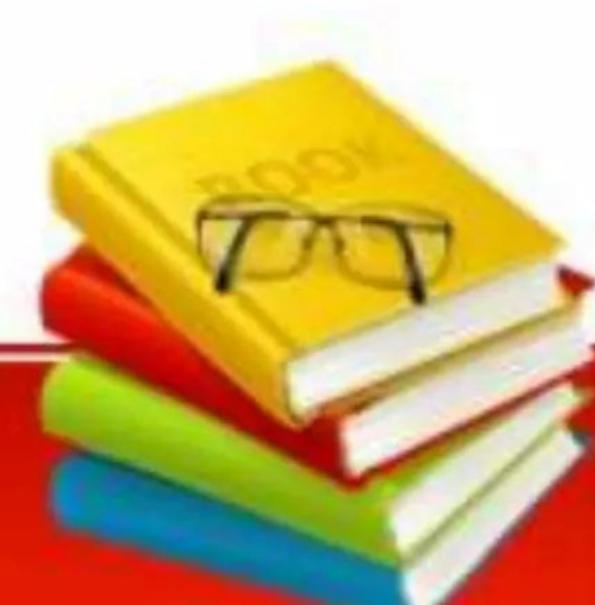
The solution to the problem of the manual library management is to develop a computerized library management system. Before developing the proposed system, there is need to identify:

- ✓ The design of the proposed system
- ✓ The main users of the library management system
- ✓ The activities of the main users



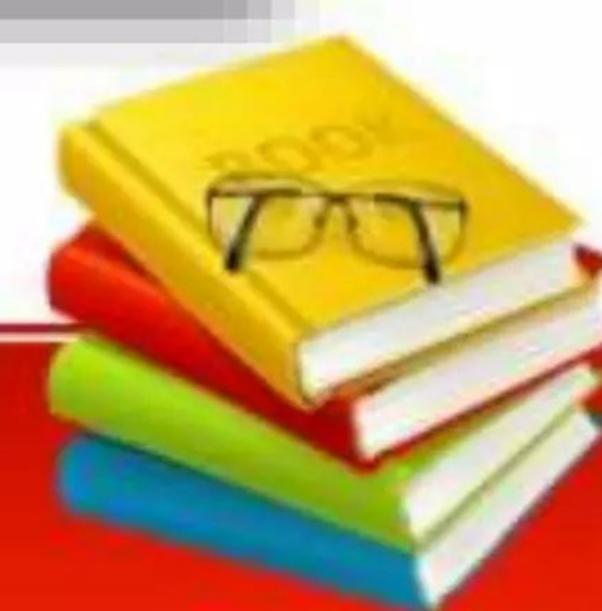
Assumptions

- Fast report generation is not possible
- Tracing a book is difficult
- Other problems of the existing system are:
- Information about issue/return of the books is not properly maintained
- No central database can be created as information is not available in database

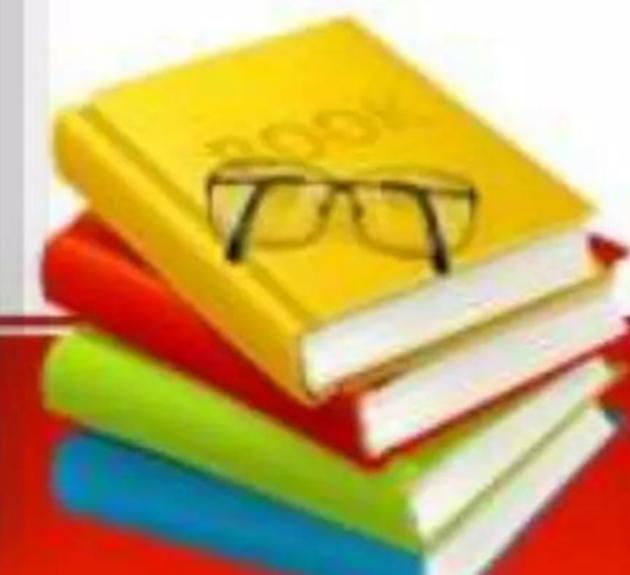
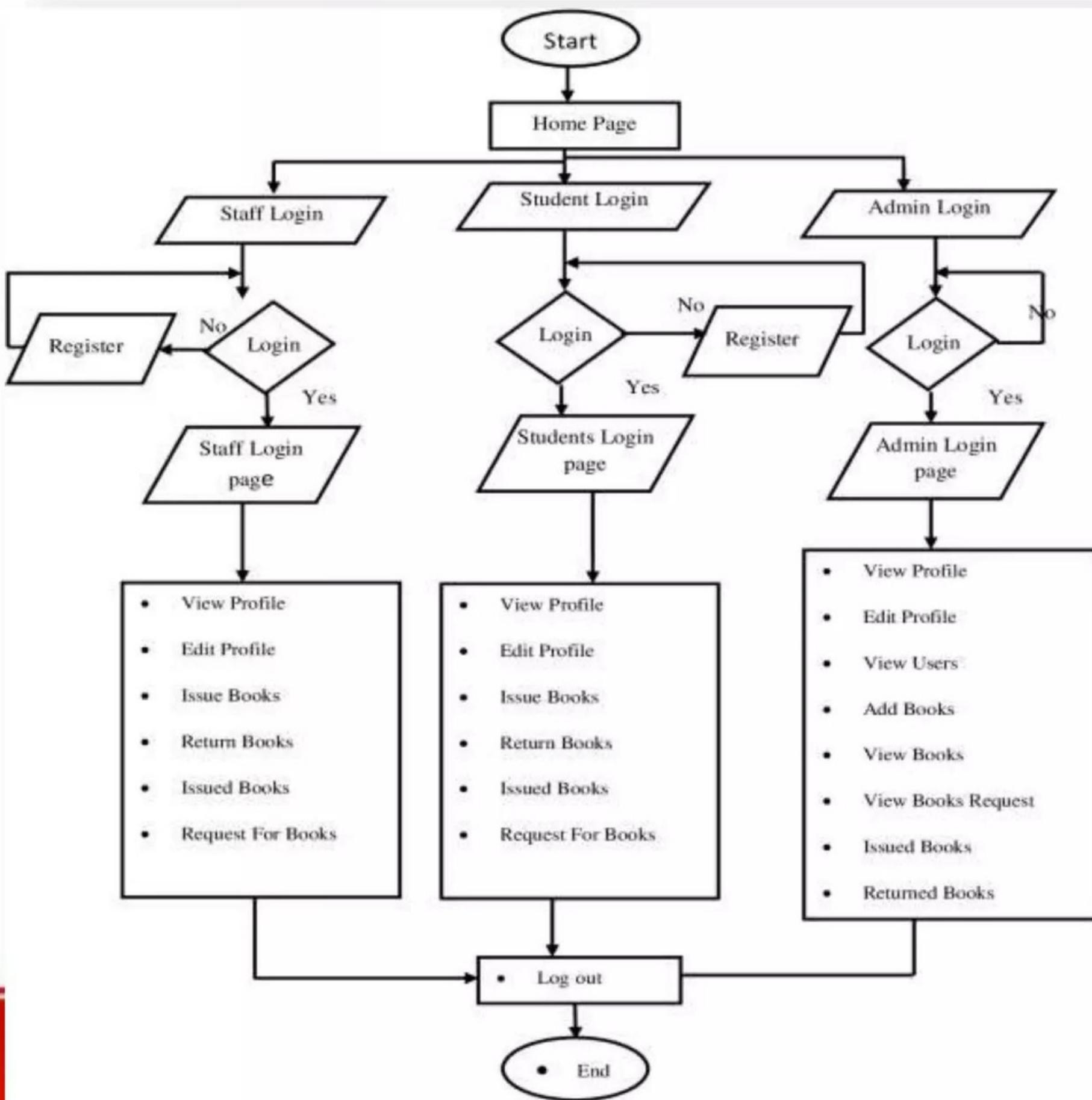


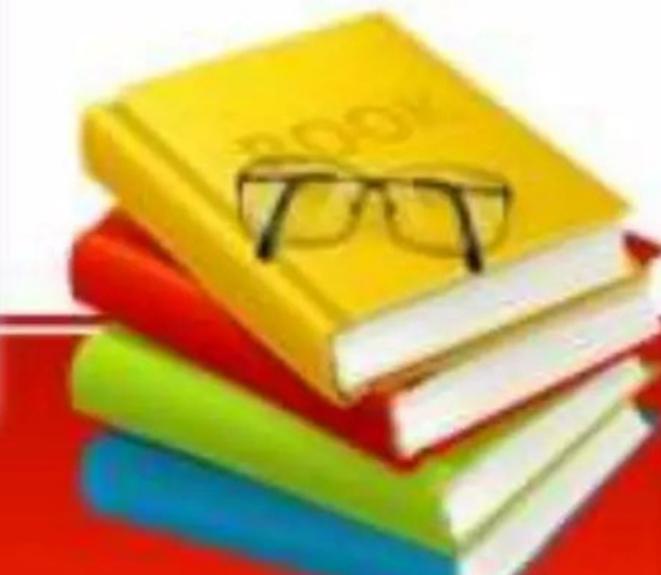
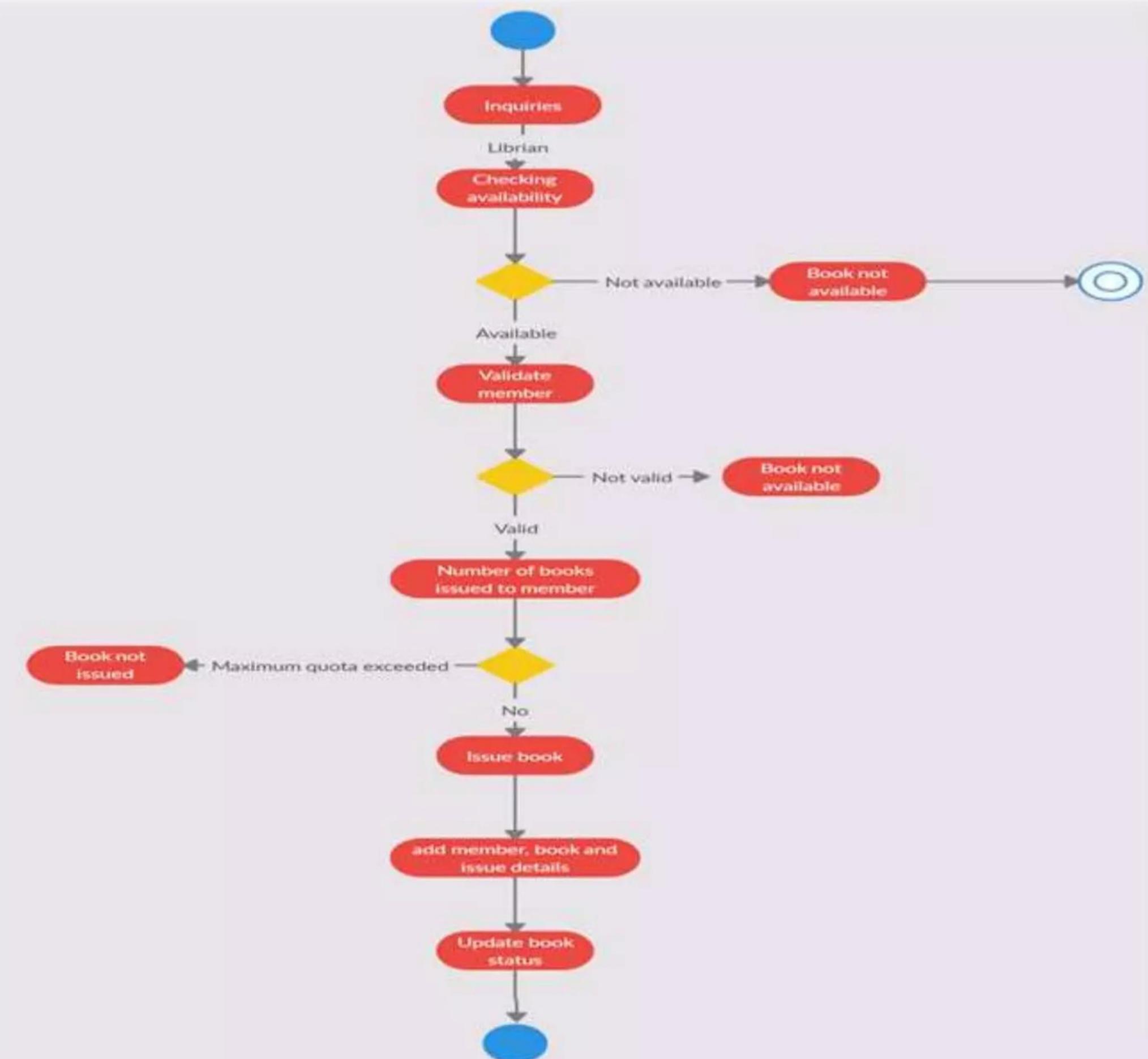
Product Functions

A Activities of the Borrower	Activities of the Administrator	Activities of the librarian
• Search for a book	Add/Delete books	Issue books
• Borrow a book	Maintain the database	Return books
• View user details	View user details	Add/delete books
• Modify user details	Maintain user details	



Flowchart Interface





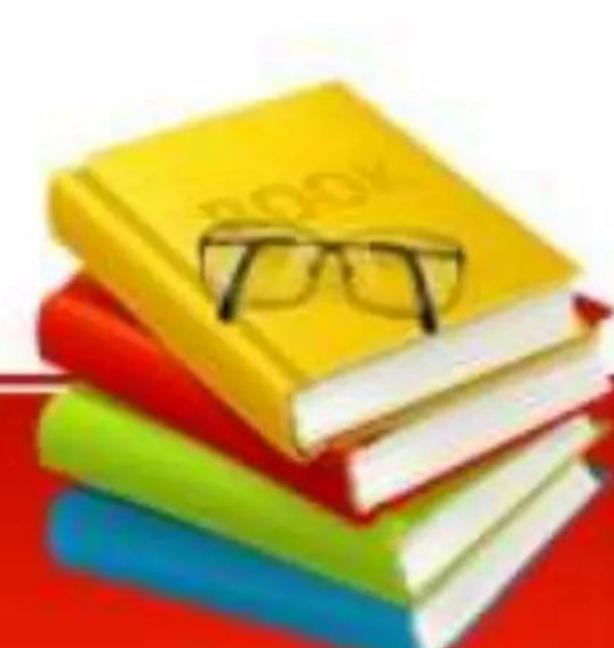
User Classes

- **The Design** - The proposed system will be designed using **Laravel Framework and PHP** version 7.4.9 as the front end and access as the back end (the database used to store the user details & book details). The size (in terms of memory) of the proposed system will be small.
- **The main users** – The main users of the proposed system are the borrowers, the administrator and the librarian.
- **Their activities** – The activities of the main users of the proposed system are listed in a table below.

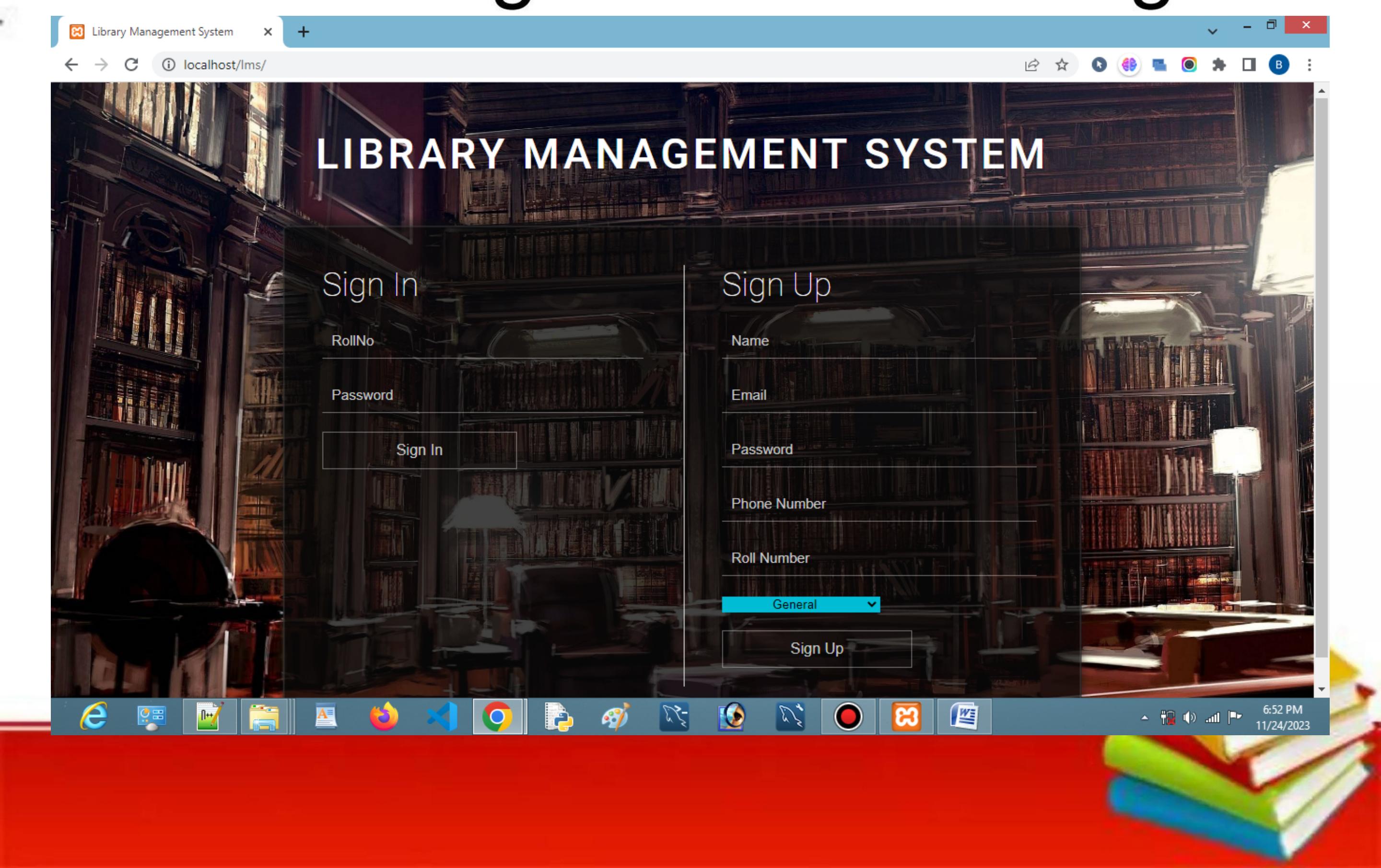


Software Version & Cost

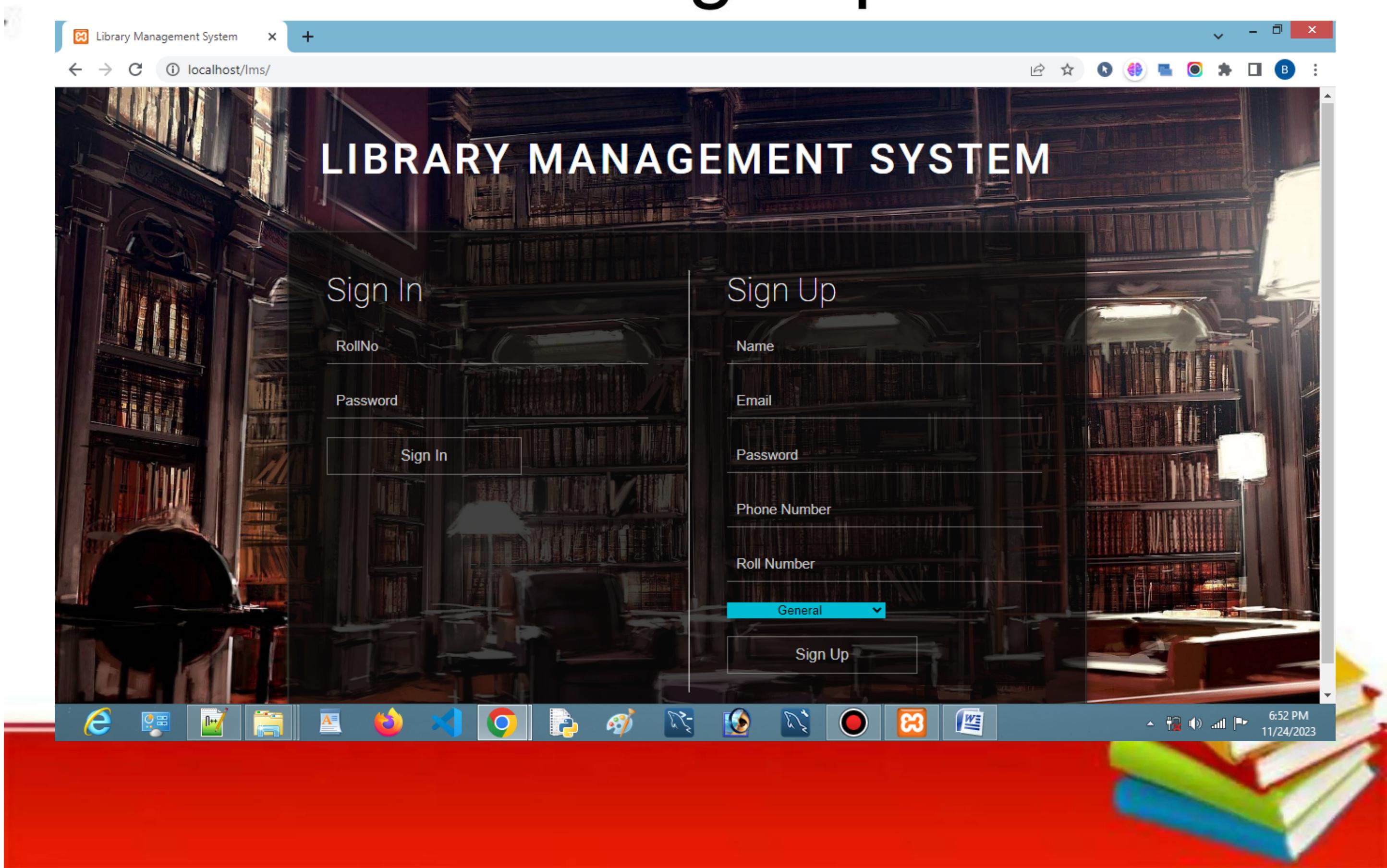
- Project Submission Time: 16th June, 2022
- Project Name: Library Management System (LMS 1.0)
- Project Language : Laravel,PHP,MySQL,HTML,CSS
- Project Cost: 250 US Dollar
- After Service and Maintenance Fee 50 Dollar



Home Page and Admin Login



Student Sign up form



Add Book Page

LMS

localhost/lms/admin/addbook.php

Add Book

Book Title

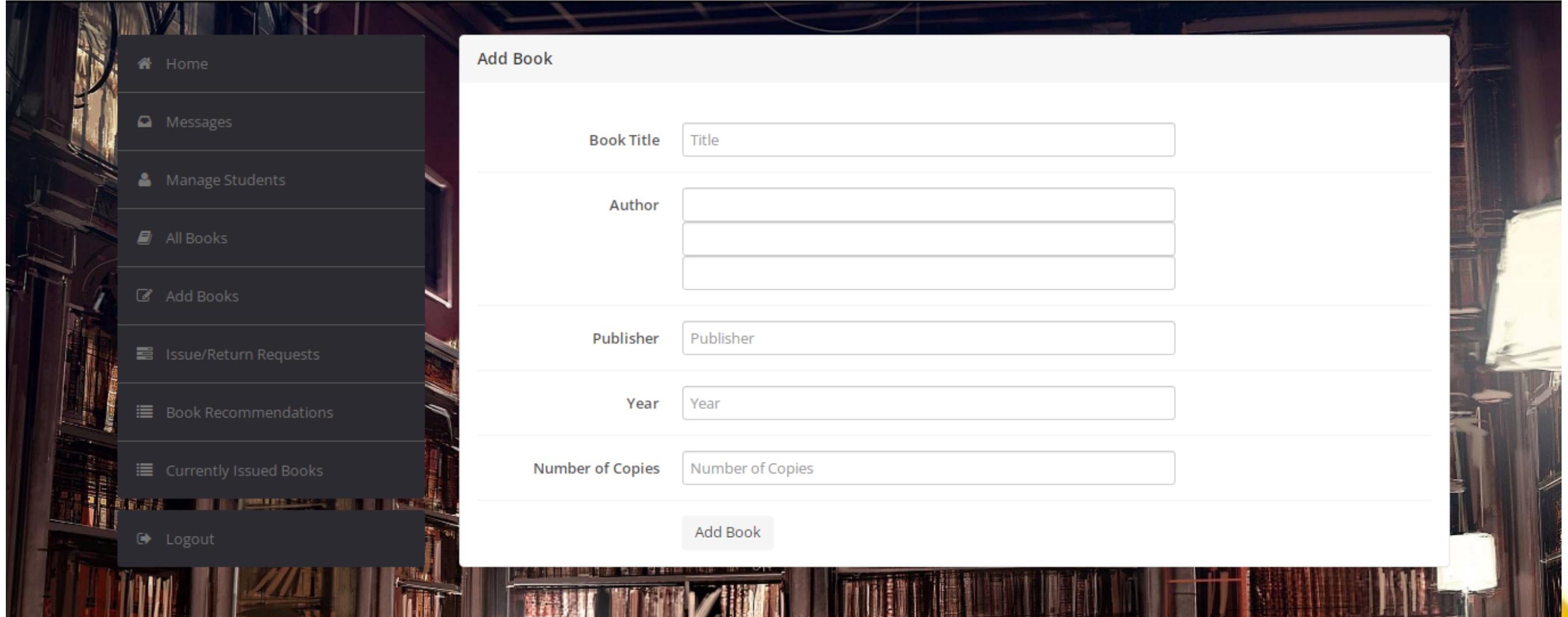
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THANK YOU!