LIBRARY MANAGEMENT SYSTEM

The project is based on a Library management system.

A library management system is software made specifically to control every aspect of a library. It aids librarians in maintaining a database of newly released books as well as books that members have borrowed and their due dates. Each and every activity in your library is fully automated by this system. Implementing a library management system software is the best approach to systematically maintain, arrange, and handle innumerable books. Records for libraries are kept up to date using a library management system. It keeps track of the numbers of books in the library, how many are issued, how many are returned or renewed, how many have late fines assessed, etc.

As part of this project, I have designed a simple Library Management System with two specific users:

- 1) Student or member.
- 2) Librarian or admin.

A librarian can perform the following operations:

- 1) insert new book details
- 2) update the quantities of the books
- 3) search any book
- 4) remove a book from the database.

A student or a member can perform the following functions like:

- 1) view all the available books in the library
- 2) search for a specific book
- 3) request a book
- 4) check what all books are assigned in his name.

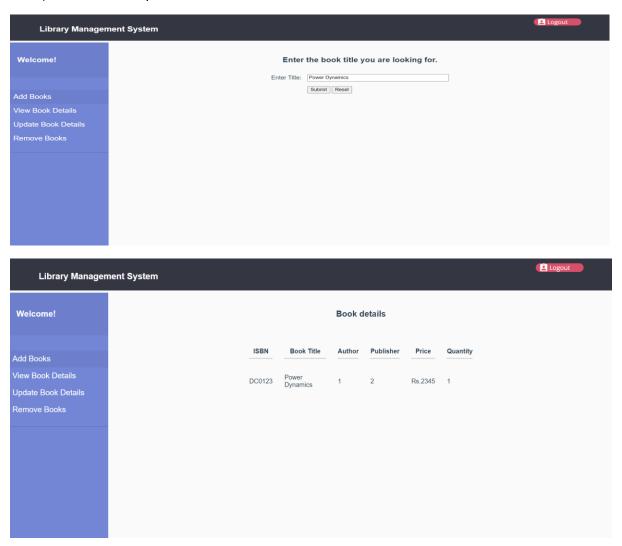
Following are some of the screenshots of the interface:

LIBRARIAN:

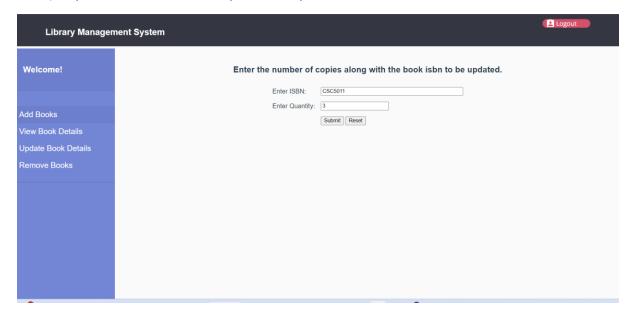
1) Insert new book details:

Library Management System			
Welcome!	Enter the book do	etails to insert into the library database	e.
	Enter ISBN:	DC0123	
	Enter Title:	Power Dynamics	
Add Books	Enter Author ID:	1	
View Book Details	Enter Publisher ID:	2	
Update Book Details	Enter Price:	2345	
Remove Books	Enter Quantity:	1	
Issued Books		Submit Reset	

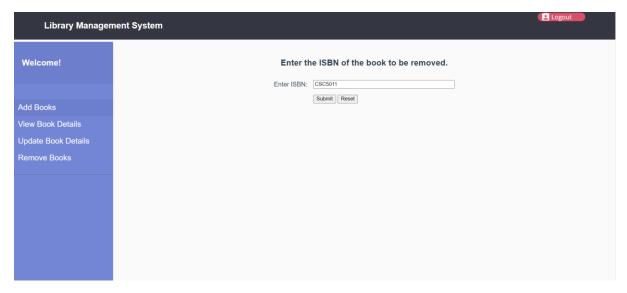
2) Search for a specific book



3) Update the number of copies for a specific book.



4) Delete a specific book from the database.



STUDENT:

1) Can request and view available books.



2) Search for a specific book

