USER MANUAL FOR LIBRARY MANAGEMENT SYSTEM - T 10

This manual contain information on how to operate Library management system a windows application where the library staff can handle basic functions of collage library. We have only one role in this application Librarian. We have assumed that admin tasks of adding or deleting books have already completed manually via direct entry table. A librarian has access to functionalities of adding books and students, modifying books , issue and return book, search book and list of issued books .

GROUP MEMBERS, ROLL NO AND WORKED AREAS :-
❖ **FRONT END PART**

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❖ **BACK END PART**

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APPLICATION CONSISTS OF THE FOLLOWING PAGES:
- Login page
- Sign up page
- Admin login
- Home page
- Add book
- Delete book
- Issue book
- Request book
- Return book
- Search book
- Student list
- Profile

Below section represents some screenshots taken from running application. All the functionalities are explained accordingly from librarian point of view.
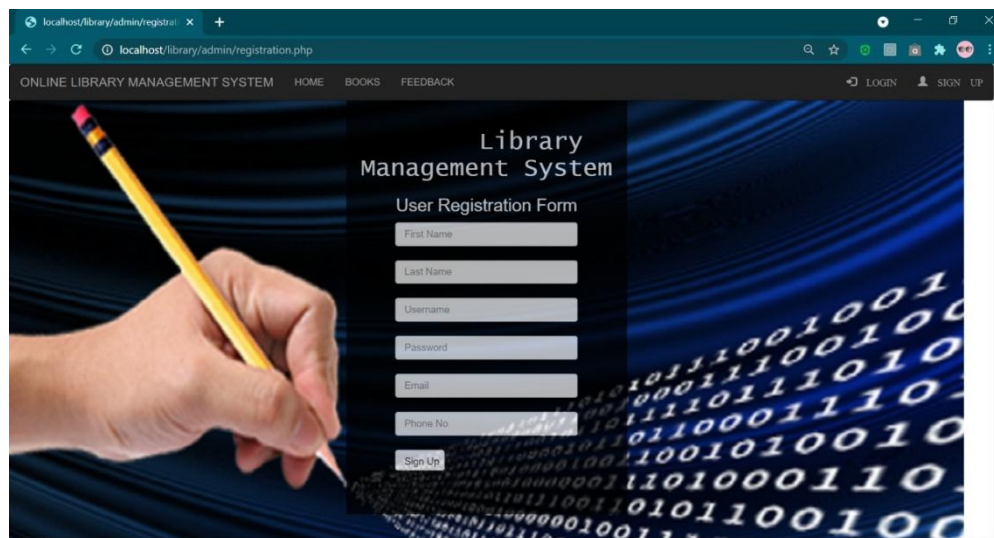
LOGIN PAGE

Login page is the very first page when you start . Students who have already have the account can login using their respective user id and password. The system allows access if they are valid
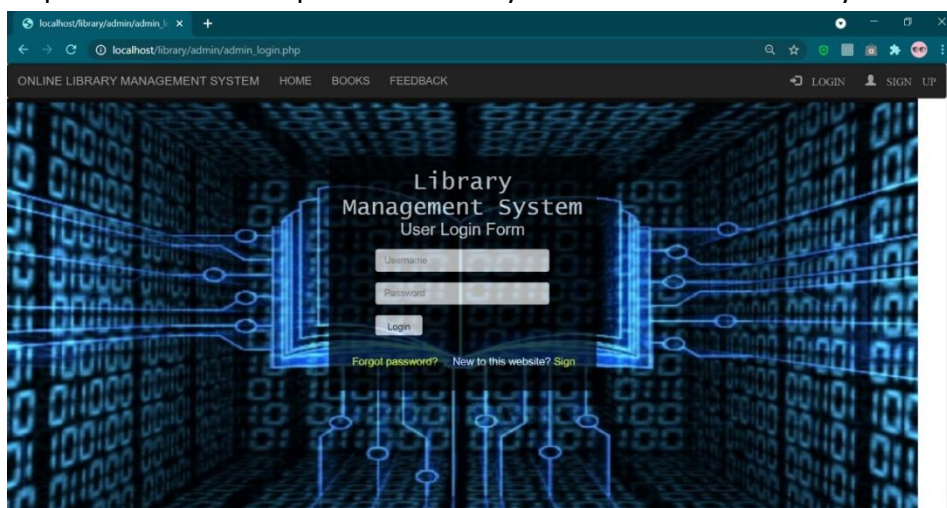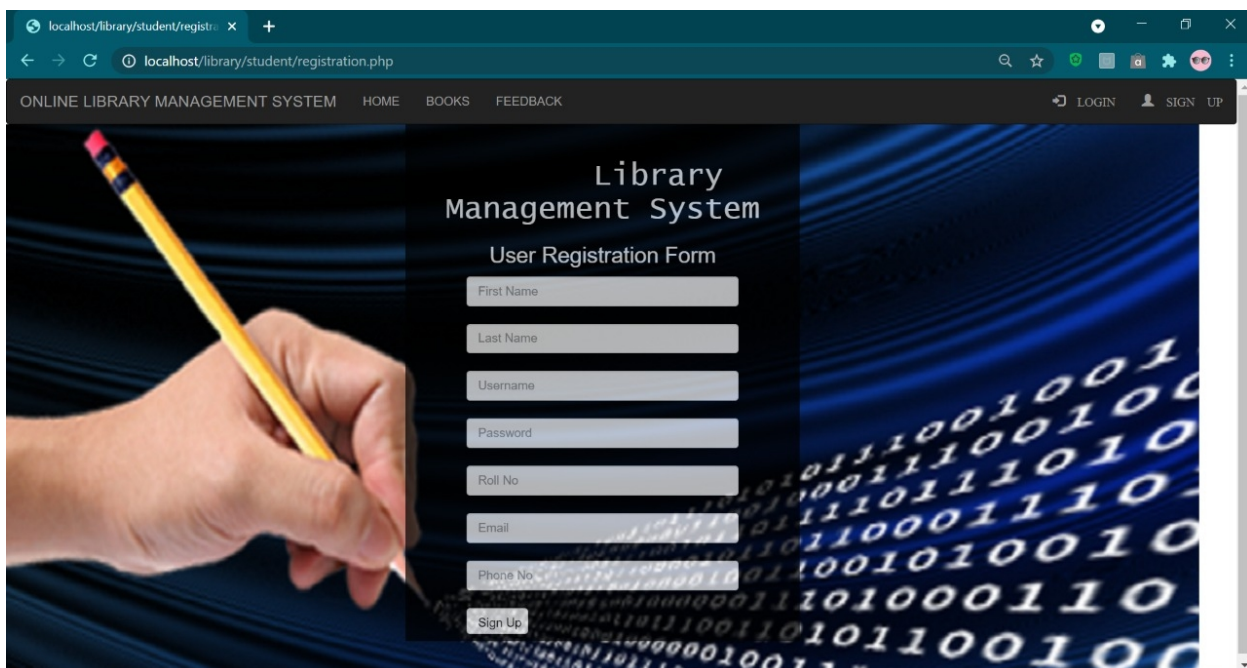
SIGN UP PAGE

Below the login page there is a option called sign up. Which will open sign up page where in we can create account if we are new to the system.
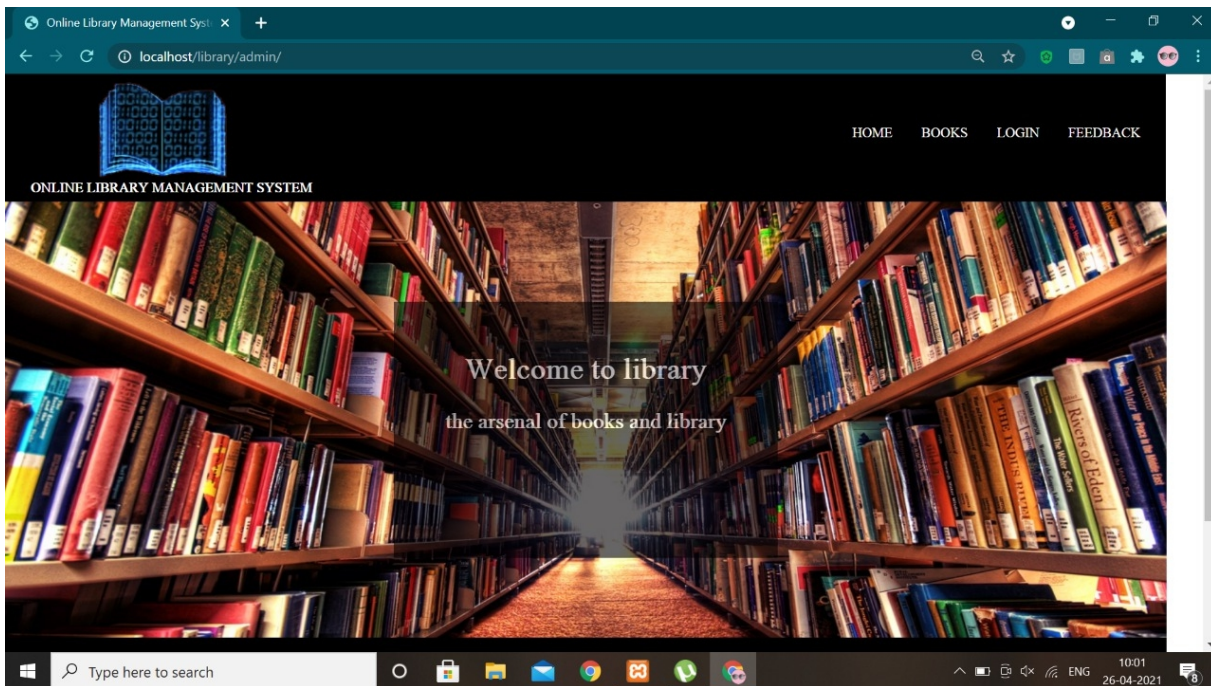

ADMIN LOGIN PAGE

Here only the Librarian or the Admin can login using user id and password. System will give access only if the user id and password entered are valid.

HOME PAGE

This page includes all the options like add book, remove book, issued book list etc
This page also contains the option to logout of the Library management system

ADD BOOK

Using this librarian can insert new book in book table. System validates all required fields and inserts a book record if they are valid, unique book id will be given and value of number of available books for inserted book becomes number of copies given by librarian.

DELETE BOOK

This page allows the librarian to delete the existing books. System validates all inputs and edit the book details if valid.

ISSUE BOOK

Using this library staff can issue a book for a student. Issue date and return can be entered. It will update the number of book copies available of that particular book after each time the book is issed or returned.

REQUEST BOOK

This page facilitates to request the book. Which is a kind of reserving the book, Librarian provide the information to the student who have requested for the book when that book either is returned by other students or the new copies of that particular book are available.

RETURN BOOK

This component enables returning of book, Book must be issued for a student in order to return it. On return, system checks overdue, and calculate and update fine for students.
System also updates the number of available and borrowed books fields for book being returned.

SEARCH BOOK

Using this page library staff can search books by title or author names or by using the book id (if known).

STUDENT LIST

This page includes the details of all the students who have the accounts in the Library management system. Student details include their full name, Username, Roll no and email id.
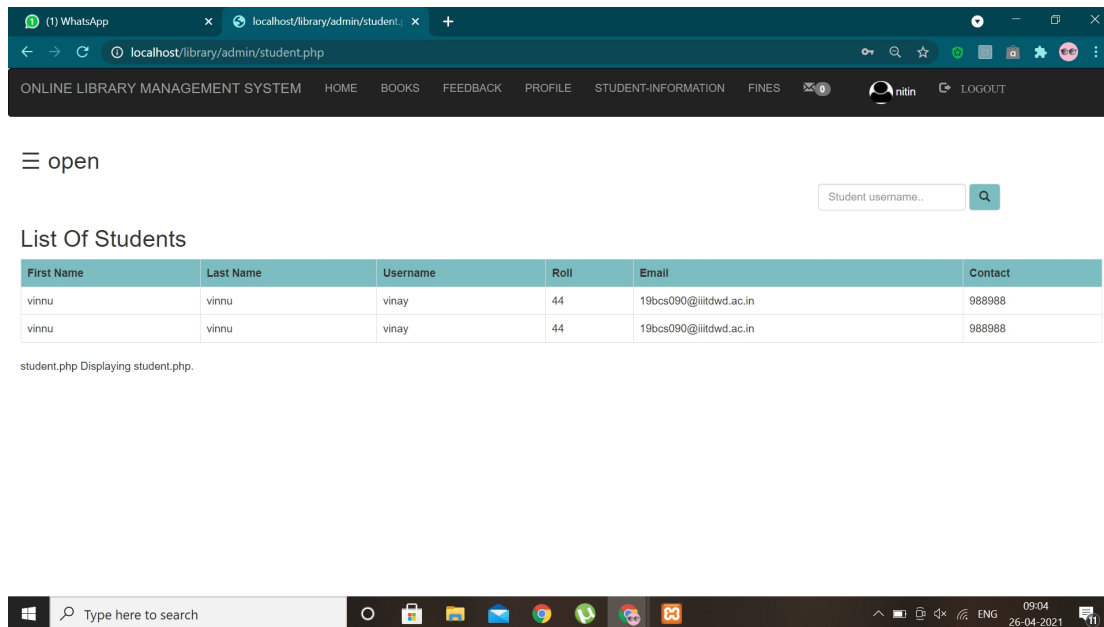
PROFILE PAGE

The profile page shows your own personal information which you have entered while creating the account in the Library system. Information includes your First name, Last name, User name, Password, Email id and contact number.