**library Management System**

**View And Functionality**

**1.Login-**

* Accept UserName,Password
* Login
* Forget Password
* CreateAccount

**2. Logged in as Normal\_User (home Page)**

* One form for search a book/category/author
* Display the books the user borrowed
* Option for (hyperlink) Logout
* **Search Page**
* Option (hyperlink) for home page
* One form for search a book/category/author
* Display the book details which is available (Table Format)
* Option (hyperlink) to request a book
* Option for (hyperlink) Logout

**2 Admin User Functionalities after Logged in (HomePage)**

⦁ Admin Home Page

⦁ Form for search a user

⦁ View all users

⦁ Delete option (hyperlink) for every user

⦁ Update option (hyperlink) for every user

⦁ Option (hyperlink) for create new user

⦁ Option for (hyperlink) Logout

⦁  **Search page**

⦁ Option (hyperlink) for home page

⦁ Form for search a user

⦁ View searched user

⦁ Delete option (hyperlink) for every user

⦁ Update option (hyperlink) for every user

⦁ Option for (hyperlink) Logout

⦁ Update Page

⦁ Option (hyperlink) for home page

⦁ Form to accept user details with old values

⦁ Option for (hyperlink) Logout

⦁  **Librarian User Functionalities After Loggod in (HomePage)**

⦁ Form to insert a book

⦁ Option (hyperlink) to allot book to a user

⦁ Option (hyperlink) to accept the returned book

⦁ Check all the allotted books

⦁ Option (hyperlink) to go to the User Request Page

⦁ Option for (hyperlink) Logout

**⦁ Allot Book Page**

⦁ Option (hyperlink) for home page

⦁ Form to accept user id, book id, and date to allot the book

⦁ Option for (hyperlink) Logout

**⦁ Return Book Page**

⦁ Option (hyperlink) for home page

⦁ Form to accept user id, book id, and date to return the book

⦁ Option for (hyperlink) Logout

**⦁ Allotted Book Page**

⦁ Option (hyperlink) for home page

⦁ View all allotted books

⦁ Option (hyperlink) to return book

⦁ Option for (hyperlink) Logout

**⦁ User Request Page**

⦁ Option (hyperlink) for home page

⦁ View all the user request for the books

⦁ Option (hyperlink) to accept the request

⦁ Option (hyperlink) to reject the request

⦁ Option for (hyperlink) Logout

**Database (Tables)**

**1.Book**

Colunm\_name datatype

bookid int pk

bookname varchar

Categeory varchar

Author varchar

Language varchar

price double

NoofCopies int

**2.User-**

userid int pk

name varchar

phone int

email varchar

Password varchar

Usertype - varchar

UserCreatesDate timeStamp

**3-Issued\_Book**

Bookid int fk to book table

Userid int fk to usertable

DateOfissue - date

DateofSubmission date

dues double

**4.BookStatus**

BookId int fk to book

RemainingBooks int

5 RequestBook

Bookname - varchar

Author varchar

Categeory varchar