

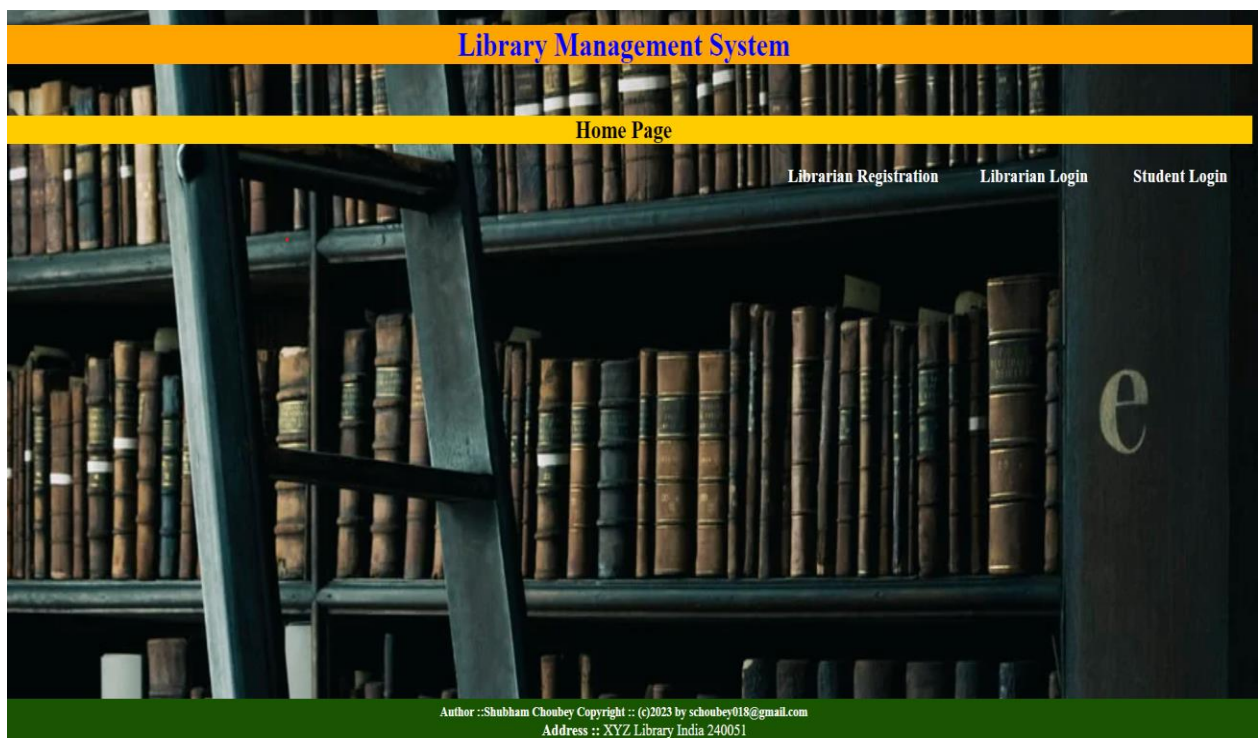
PROJECT REPORT

LIBRARY MANAGEMENT PROJECT

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library. It has a facility where student after logging in their accounts can see list of books issued and its issue date . This system will store all the books and members information that consist book numbers, book titles, author names . It also provides search function to help students find the book by number of book. Search function will search through the books database to look for the book.

Overall this project is being developed to help the students as well as staff of library to maintain the library in the best way possible and also reduce the human efforts.

HOME PAGE



LIBRARIAN LOGIN PAGE

The screenshot shows a web browser window with the address bar displaying `localhost:9999/LibraryManagement/Liblogin.jsp`. The page has a green background with a yellow header bar containing the text "Library Management System" in blue. Below the header, a yellow bar contains the text "Librarian Login Page". The login form is centered and consists of two input fields: "User Id" with the value "sha018" and "Password" with masked characters "*****". A "SignIn" button is located below the password field. At the bottom of the page, a footer bar contains the text: "Author ::Shubham Choubey Copyright :: (c)2023 by schoubey018@gmail.com Address :: XYZ Library India 240051". The Windows taskbar at the bottom shows the date as 23-Jun-2023 and the time as 11:41.

Library Management System

Librarian Login Page

User Id: sha018
Password: *****
SignIn

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STUDENT LOGIN PAGE

The screenshot shows a web browser window with the address bar displaying `localhost:9999/LibraryManagement/Studentlogin.jsp`. The page has a green background with a yellow header bar containing the text "Library Management System" in blue. Below the header, a yellow bar contains the text "Student Login Page". The login form is centered and consists of two input fields: "Student Id" and "Password". A "login" button is located below the password field. At the bottom of the page, a footer bar contains the text: "Author ::Shubham Choubey Copyright :: (c)2023 by schoubey018@gmail.com Address :: XYZ Library India 240051". The Windows taskbar at the bottom shows the date as 23-Jun-2023 and the time as 11:41.

Library Management System

Student Login Page

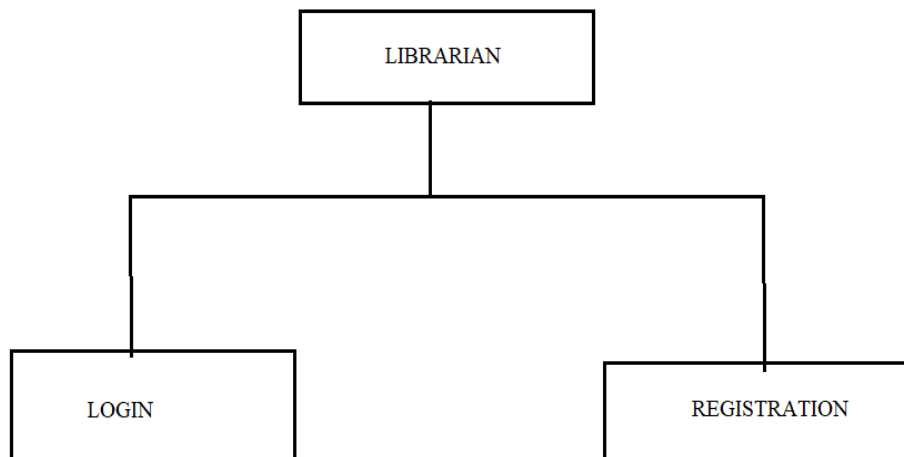
Student Id:
Password:
login

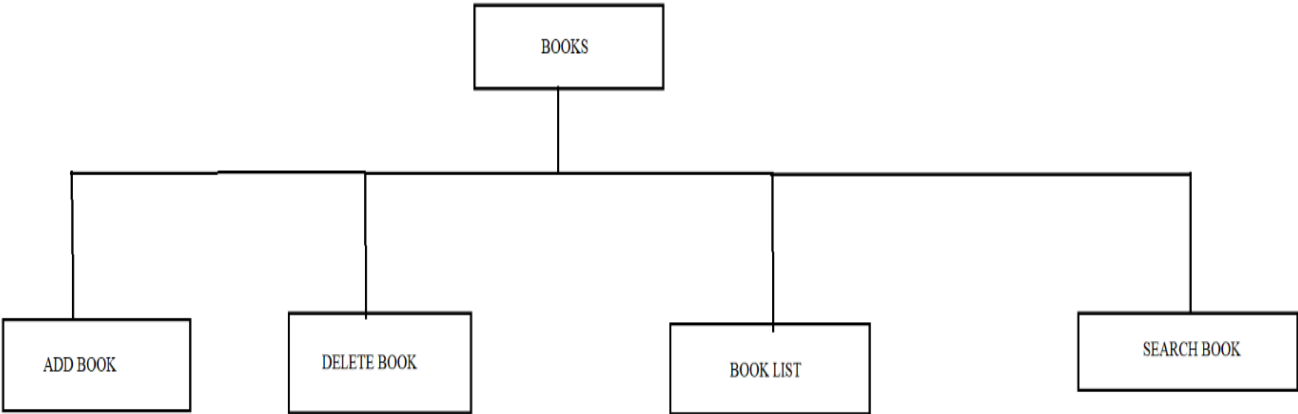
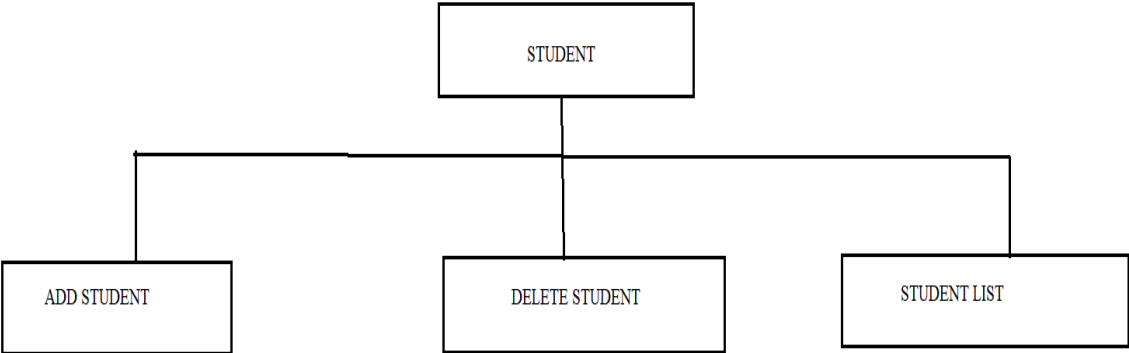
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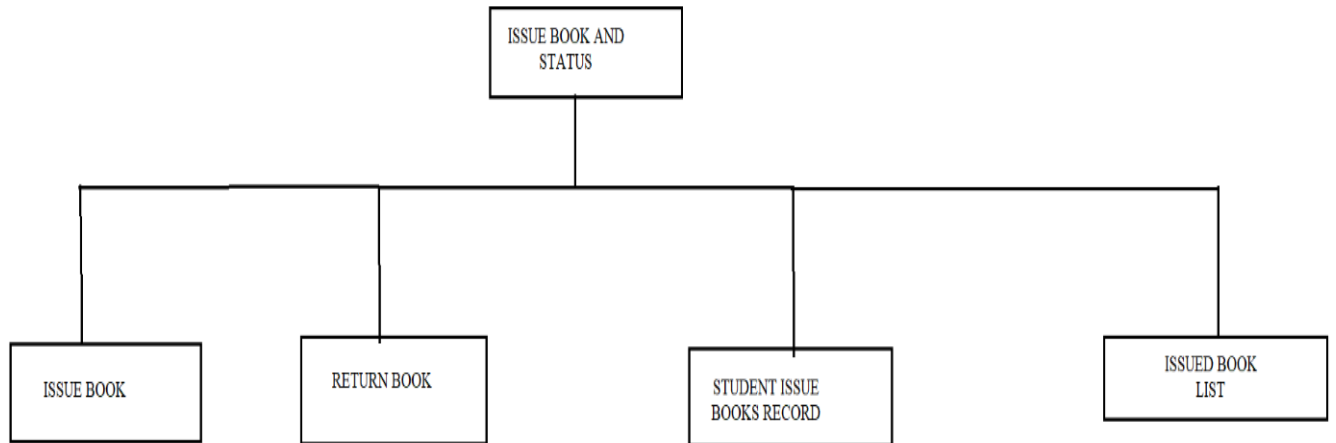
LIBRARIAN HOME PAGE



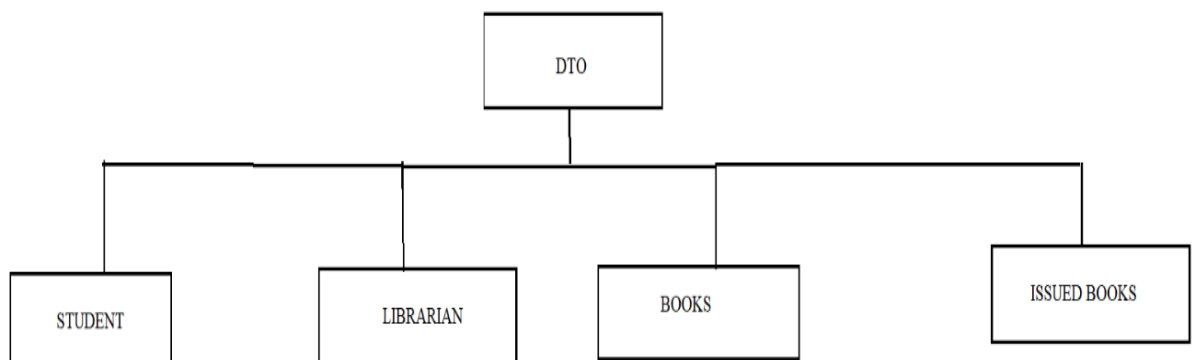
CONTROLLER FLOW OF JAVA CODE







DTO LAYER



Student Fields:

```
private String stdId;  
private String stdName;  
private Integer stdAge;  
private String stdgen;  
private String mob;  
private String email;  
private String password;
```

Librarian Fields:

```
private String name;  
private String userid;  
private String password;  
private String gender;  
private Integer age;
```

Books Fields:

```
private String bTitle;  
private String bAuthor;  
private String bCategory;  
private String status;  
private Integer copy;
```

IssuedBooks:

```
private String stdid;  
private String bTitle;  
private String bAuthor;  
private String bCategory;  
private Float fine;  
private Date issueDate;  
private Date submitDate;
```

DATABASE

Database used : library

Table used are:

- librarianrecord
- stdrecord
- bookrecord
- issued_books

librarianrecord table:[illegible]**stdrecord table:**[illegible]

bookrecord table:[illegible]**Issued_books table:**[illegible]