

USER MANUAL for Group1 Library System

1) Home page:

The initial page in the application is Home page. Here one can search a book and its availability as well as the branch in which it is available, with its ISBN, Title, Name, Branch ID, Book ID. Also, substring can be used for search using any of the before mentioned attributes.

2) Members:

Here you can search Members (students) if they already exist in system, with one of the attributes like their SSN, First Name, Last Name, Email, Address, Phone.

3) New Book Addition:

Here you can add a new book with authors that already exists in system at 'Add book (Existing Author)' or you can add a new book with new author at 'Add Book (New Author)' or just increase the copies of existing books

4) Registration:

Use this option to add new student account in the library database.

5) Check Out:

If a student existing in database requests a book and you found a book in available status. You will use Checkout page to lend book to the student. You will fill the required details (Available in the home page) and Card number (Available in the members page). The date out which is current date and due date which is 14 days from current date are automatically populated. Once all details are filled, when you click on Create a new loan is created with new Loan ID

6) Loans and Returns: In this page you can check the pending loans.

If a student wants to return a book, you can search the loans taken by this student using his Card number. Then you can record the submission of book, and when it was received by clicking on pencil button.

There is a button on top right 'Settled loans' to get the details of any settled loans.

7) Fine Payment:

If a student returns book after his loan due date. The system will automatically add .25 USD fine per day and shows in the fine payment page.

You can record the payment made by student, by clicking on edit option (pencil) of student corresponding name or Card No (Borrower ID) and mention YES in Paid (attribute). After which you need to click on apply changes the transaction will be recorded.

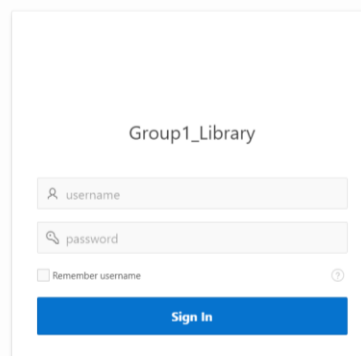
8) Reports:

All reports can be accessed from Home page (Top right)

- Top Fine Due Report:**
In this report you will find the top 10 students who need to pay fine, with sorting of highest to lowest fine, from top to bottom.
- Monthly Report:**
In this report you can see the metrics of the number books borrowed by student based on each month.
- Fines per Loan ID:**
In this report you will find the fines that are associated to each and every loan ID irrespective of the member.
- Popular Book report:**
The most popular books with details of title and author are provided in this report based on the number of times they were borrowed.

System URL: <http://ec2-18-219-60-86.us-east2.compute.amazonaws.com:8080/ords>

Login Page:



Group1_Library

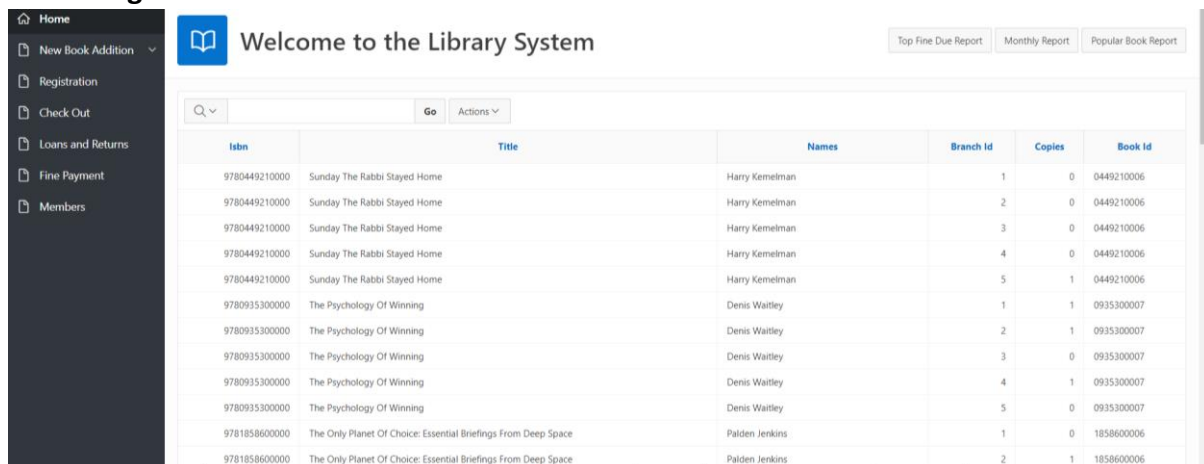
username

password

☐ Remember username

[Sign In](#)

Home Page:



The home page of the Library System features a sidebar with navigation links: Home, New Book Addition, Registration, Check Out, Loans and Returns, Fine Payment, and Members. The main content area displays a welcome message and a table of book loans. The table has columns for isbn, Title, Names, Branch Id, Copies, and Book Id. The table contains 12 rows of data, showing various books and their borrowers.

isbn	Title	Names	Branch Id	Copies	Book Id
9780449210000	Sunday The Rabbi Stayed Home	Harry Kemelman	1	0	0449210006
9780449210000	Sunday The Rabbi Stayed Home	Harry Kemelman	2	0	0449210006
9780449210000	Sunday The Rabbi Stayed Home	Harry Kemelman	3	0	0449210006
9780449210000	Sunday The Rabbi Stayed Home	Harry Kemelman	4	0	0449210006
9780449210000	Sunday The Rabbi Stayed Home	Harry Kemelman	5	1	0449210006
9780935300000	The Psychology Of Winning	Denis Waitley	1	1	0935300007
9780935300000	The Psychology Of Winning	Denis Waitley	2	1	0935300007
9780935300000	The Psychology Of Winning	Denis Waitley	3	0	0935300007
9780935300000	The Psychology Of Winning	Denis Waitley	4	1	0935300007
9780935300000	The Psychology Of Winning	Denis Waitley	5	0	0935300007
9781858600000	The Only Planet Of Choice: Essential Briefings From Deep Space	Palden Jenkins	1	0	1858600006
9781858600000	The Only Planet Of Choice: Essential Briefings From Deep Space	Palden Jenkins	2	1	1858600006