

QUICK START GUIDE

The main functions of the system include:

1. Searching the books in Library
2. Managing book loans (check out and check in)
3. Add new borrowers in the database
4. Update fines for all the records at once as per the current date.
5. Pay fines for borrowers.

The functionality of each page is described as under:

Book-Search Page:

1. This page displays all the books available in the library.
2. Books can be filtered by typing the keyword in search bar.
3. Search is carried out by Book title, ISBN, Author Name.
4. After the search all the books that contain the keywords in any of the three fields are displayed.

Check-out Page:

1. This page contains two textboxes to enter Borrower Card ID and Book ISBN.
2. The book will be checked out only if there are copies of the book left.
3. The borrower also cannot checkout the book if he already has three checked out books or any unpaid fine.

Check-in:

1. All checked in books will be displayed in the page.
2. Enter the Card No, Book ID and/or borrower name to filter the book borrowed by the borrower.
3. The filtered books will be shown.
4. The librarian can click on Check in button to check-in the displayed book.

Add new borrower:

1. The librarian can add new borrowers in the database.
2. He/she needs to fill in all the information in the form and the user will be added.
3. One user can only be added once, i.e., same SSN cannot be used twice to add the borrowers.
4. The Card ID for the borrower will be auto generated.

Update Fine:

1. This page will update the fine, if any, for all the users at once.
2. If any borrower has a fine for any loan id, this fine will be updated.
3. If any borrower did not have a fine for a loan id but has it today, a new row will be added in the table.

Pay Fine:

1. This page is used to pay the fine for any borrower.
2. The total fine will be displayed for a card number entered.
3. The librarian can mark the fine as paid by clicking on the link.