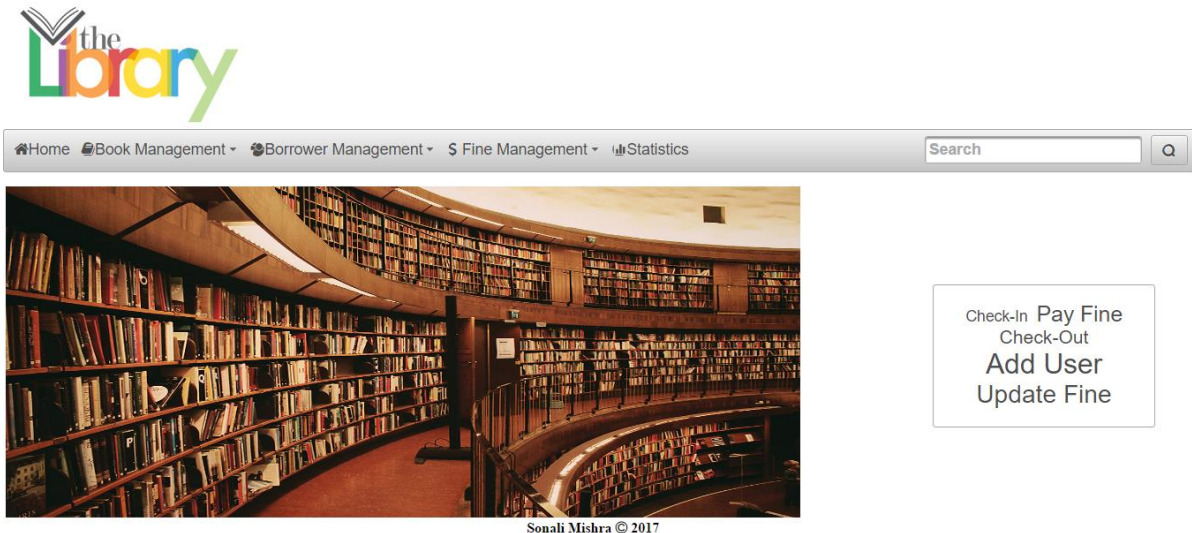


## Quick Start Guide

To access library management use the following link : <http://localhost:8080/Library/>

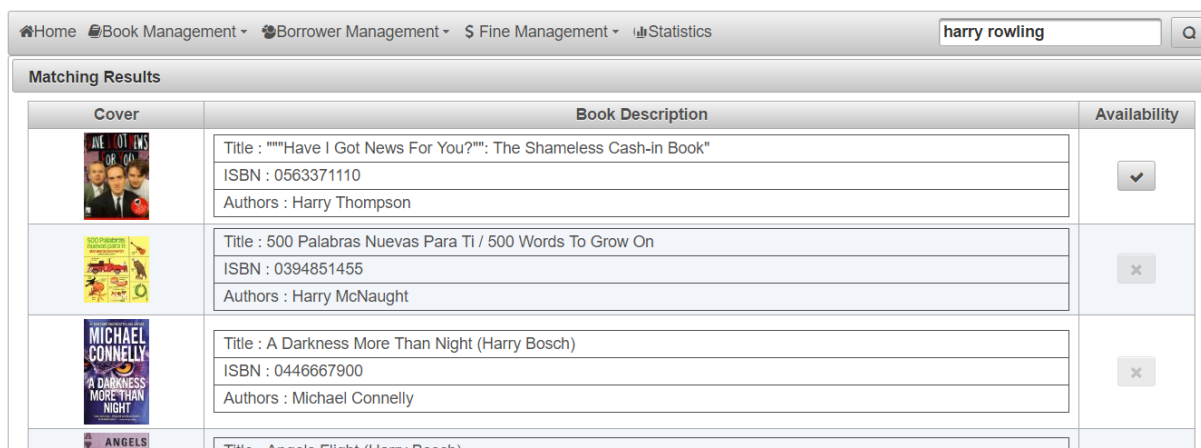


This will land in the home page. Home tab is used to go to the home page.

Search:

User can enter either book isbn or title of the book or the name of the authors.

The user can even enter multiple words either comma separated or space separated.



If the book is available then a tick button will appear and it will allow to check out else a cross disabled button will appear.

Check out:

There are two ways to check out.

First, from the search result. Second from the check out books menu.

If the isbn number is known the user can directly check out books by entering isbn and card id of the user. If the isbn entered is not available then a pop up will come displaying book is not available. If the borrower already has 3 books then a pop up will come displaying

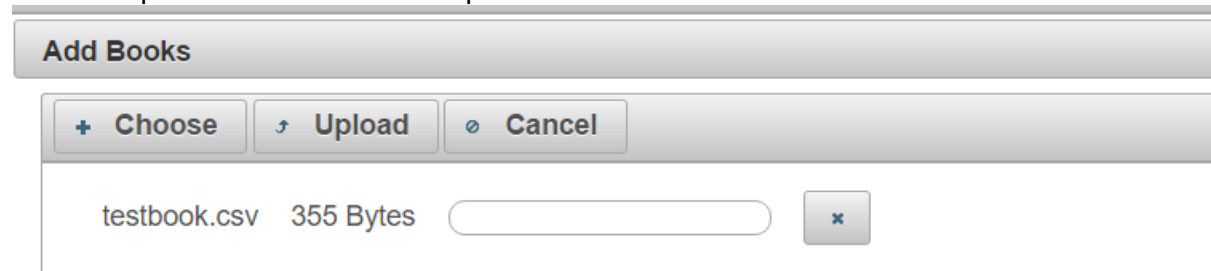
maximum number of books has been check out and borrower won't be able to check out more than 3 books.

#### Check In Books:

On clicking on this tab it will redirect to a page where by entering any combination of isbn, card id and name of the borrower (full or part) will display a list of books that the borrower has. There is an option which lets either one or any choice of books that can be checked in.

#### Add Books:

New multiple book details can be updated to the database from the GUI.



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Click on choose and add the csv file in the format used before and then click on upload this will update the details in the database.

#### Add Borrower:

This tab is present under the borrower management. It has multiple fields and the information needs to be filled (\* fields are mandatory fields). If the ssn entered is already present in the database then it will not allow borrower addition and display a pop up indicating that the ssn is already present. If borrower is created successfully then email is sent.

#### Update Fine:

Since the fines are updated manually, so this can be done manually from here. There are two options either to update fines of a particular borrower or for all.

#### View and Pay Fine:

On entering the card id the fine details of the borrower will be displayed. There is an option either to pay all fines or fine of any choice. If the book has not been returned by the user then he will not be able to pay fine and the checkbox will be disabled for that particular book.

#### Fine History:

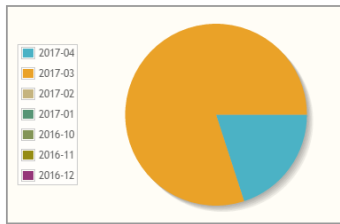
This will display sum of all the fines paid group by borrowers' card id.

#### Statistics:

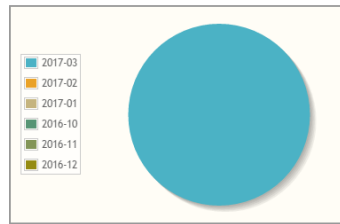
This will give details of number of books that were check in , check out , due monthly for last six months.



Check-Ins Pie Chart



Check-Outs Pie Chart



Books Due Date Pie Chart

