

USER GUIDE

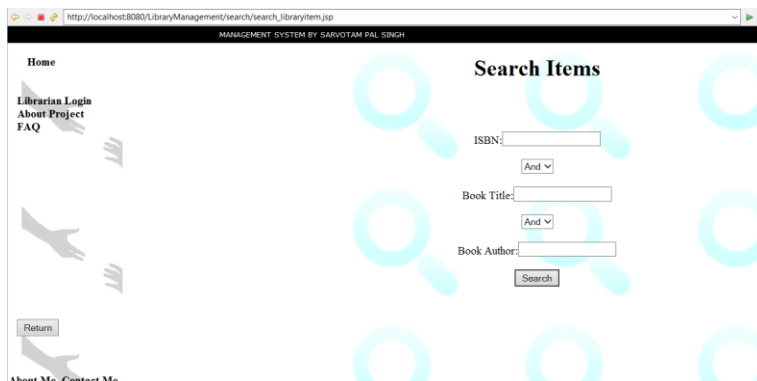
After opening the application first of all we see the welcome page. The application actually starts after clicking anywhere on the welcome page.



The next page has the main start functionality with various options for navigating to the functionality we require. This page has options like search, login, about the project, contact and developer info.



The search page is responsible for giving the output of all the information regarding the book if the librarian inputs some info like isbn of book and/or book title and/or book author.

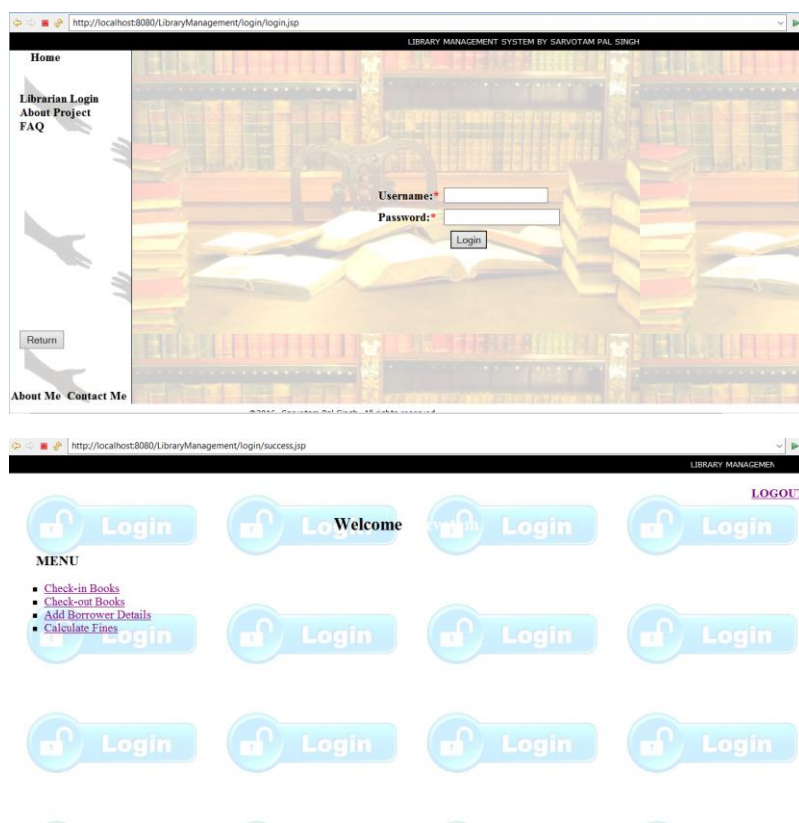


The login functionality is introduced from security point of view so that only the authorized librarians can access the database and make any modifications. After logging in as a librarian there are variety of actions that can be performed like making a book search and checking its availability. Another action that can be performed is giving book loans. Here the librarian can

check in as well as check out a book depending on requirement of the borrower. Various conditions are checked before loaning the book. There is a due date assigned to each book when loaned where we loan the book for exactly 14 days from the date it was issued and all this information is stored in our database.

Other functionalities of the system after logging are doing borrower management. In this we can introduce new borrowers apart from already existing borrowers. Here a unique card no. is generated for the newly registered customers.

Another functionality is calculating and paying of fines. In the fines functionality we add a fine of \$0.25 for each day that is for each date difference between due date and date in (when the book was returned by the borrower).



Each of the above functionalities have some values to be entered by the librarian's input in order to yield a correct output. Although there are some static pages without any precondition of entering some output which are mentioned briefly down below.

The about page is a brief static page which tells the purpose of the project and various functionalities it is able to perform. The contact page is also a static page that has the information regarding contacting the developer of this desktop application of library management. The myinfo page is another static page that has the personal and educational information of the developer of this application.

The information is dynamically retrieved and modified when required. The database is kept on updating according to the changes that are made by the various actions performed by the librarian.