

Quick Start User Guide

➤ **Book Search:**

- The Librarian can search the book using multiple keywords, ISBN/ Title or Authors.
- The Output of the Books will be displayed as columns of ISBN, Title, Authors (If searched for a book of authors with same ISBN displayed as single row)

➤ **Book Loans:**

- The Books displayed is provided with the option of check OUT buttons for each book. If clicked it takes you to the Check OUT page.
- The Check Out page asks for Card ID as input. Loan ID is incremented automatically and date_out is updated as today's date. If Card_ID id given then the book is checked out after checking whether the book is already checked out or the borrower has more than three books.
- You will be provided with the appropriate error message if any constraint is violated.
- Check IN page asks ISBN/ Card_ID/ Borrower Name as input. If Check In button is clicked you will get the rows of the details of the books which the borrower has checked out.
- If checked In button of particular book is clicked that particular book is updated with the today's date as the check In date.

➤ **Borrower Management:**

- The Borrower details should be entered in the respective fields as expected in the form. Some fields are mandatory if not filled pops up error to fill out the field.

- The SSN, Name, Address, State and City must be entered. The SSN number must be unique or else error is popped up. The Address is combined and updated in the Borrower table.

➤ **Fines:**

- You can view the total sum of each borrower by updating the fines clicking the Update Fine Button. It shows the recently updated fines.
- Give the Card ID to find the particular fine amount of the specific borrower.
- The borrower with the particular book and the appropriate fine is displayed with the pay button.
- If the pay button is clicked it verifies whether the borrower returned that particular book. If not returned the error message is popped up. If the book is returned then the Paid value will be changed to "1". If the payment is not made the Paid Column will be "0".