

## LIBRARY MANAGEMENT SYSTEM QUICKSTART GUIDE

Net ID : gxr170001

Launch application by running Borrower.java from NetBeans IDE 8.2

### To search for a book :

- Click on **Check Out** button in the Menu.
- **Search and check out** tab will be selected.
- Enter ISBN or title of the book or the author of the book in the search field and click on the Arrow icon.
- ISBN, TITLE, AUTHOR NAME, AVAILABLE of the search results will be displayed in tab **Check Out Results**.

### To check-out a book :

- Search for the book.
- Select the book from the search results and click on the **Check out Selected Book** button.
- If the Available field for the selected book is NO, a pop up with message “This book is not available, sorry” will be displayed.
- If the Available field for the selected book is YES, a pop up will be displayed where CARD ID of the borrower should be entered to check out the book.

### To check-in a book :

- Click on **Check In** button in the Menu.
- **Search and Check in** tab will be selected.
- Enter the book id or card number or borrower name in the search field and click on the Arrow icon.
- ISBN, CARD ID and BORROWER’S NAME of the search results will be displayed in tab **Check In Results** .
- Select the book from the search results and click on the **Check In Selected Book** button.
- A pop up with message “Returned Successfully” will be displayed.

#### **To add a new Borrower :**

- Click on **Add Borrower** button in the Menu.
- Mandatory fields Name, Address and SSN and optional field Phone will be displayed to enter values.
- SSN is a password field of format XXX-XX-XXXX.
- Button **Clear Form** will clear the values present in the form.
- Enter the borrower details and click on **Enroll** button.
- If the SSN entered is not already available in the database, pop up with message “Borrower added successfully” will be displayed.
- If the SSN entered is already available in the database, pop up with message “This SSN is already in our database. Please try again” will be displayed.

#### **To view current fines in the system :**

- Click on tab **Manage Fines**.
- Click on **Update Fines** button.
- All the active fines in the system per Card ID will be displayed.

#### **To pay a fine :**

- View current fines in the system.
- Select a row of the search result and click on **Get Fine Details** button.
- Each ISBN under the Card ID selected and the fine amount on it will be displayed under ISBN, FINE AMOUNT columns of the search result.
- Select the book for which fine must be paid and click on **Pay Selected Fine** button.
- If the book has not been checked in already a pop up with message “Book needs to be returned before fine can be paid” will be displayed.
- If the book has been checked in already, a pop up with message “Fine payment successful” will be displayed.
- The active fines search result and search result with fines per Card Id will be refreshed.