

## **QUICK START USER GUIDE FOR LIBRARIAN SYSTEM USERS**

1. Extract the .zip file to a desired location.
2. Start the MySQL server.
3. Open the command terminal where the DBScript.bash script is located.
4. In the command terminal, type the following : `sh DBScript.bash`
5. Type `javac com/dbproject/lms/*.java`
6. Type `java com.dbproject.lms.SearchGUI`
7. The application has been launched.

## Search Page

1. On this page select either one or a combination of ISBN, Book Title or Author. Key in the values and click the Search Button.
2. The values will be populated in the table. Select the desired book and click either the 'Check In' or 'Check Out' buttons.
3. To create a new borrower, click the 'New User' button.
4. To check the fine details, click the 'Fine Details' button.

[illegible]

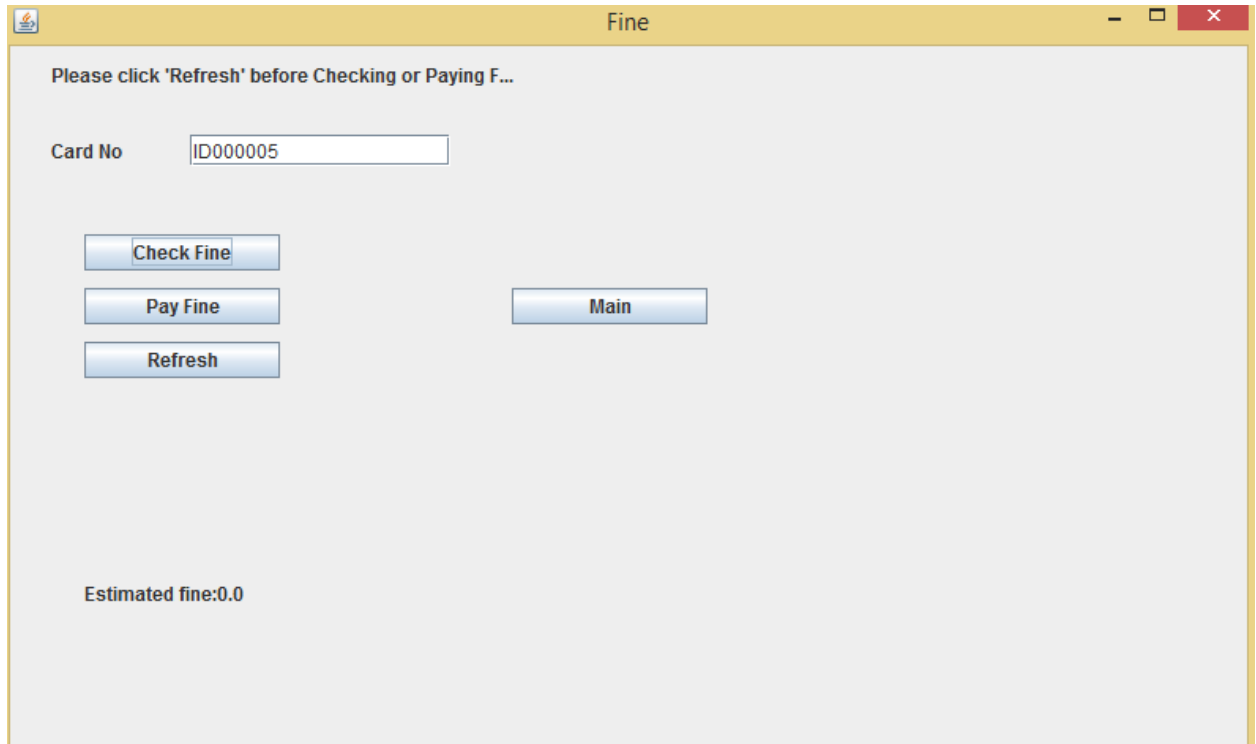
## Check Out Page

1. Enter the Card No. of the user and click the Checkout button.
  2. This will check out the book for the borrower.
  3. If the book is already checked out the system will throw an error.
  4. A borrower can at a time have only maximum 3 books checked out. If the borrower tries to check out more than 3 books, the system will throw an error.
- Click the Main button to return to the Search Page.



## Fine Page

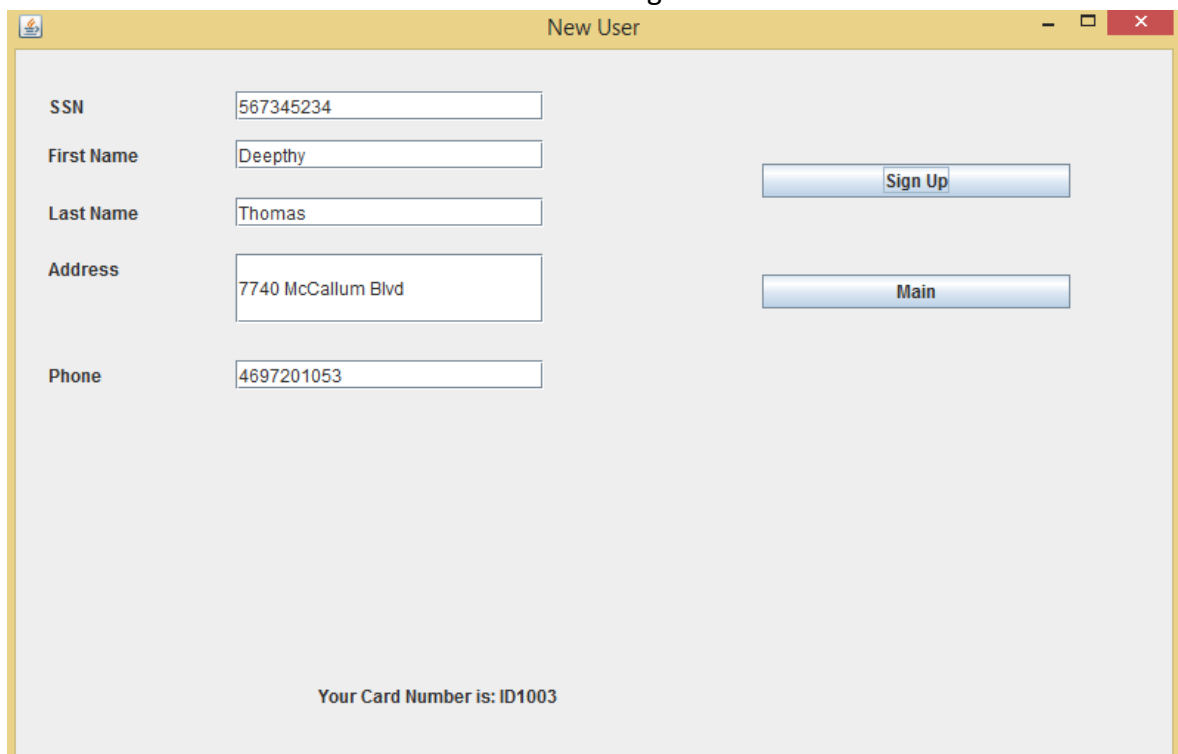
1. Click the Refresh button before checking the amount.
2. Key in the Card Number to check or pay fine.
3. Click the Main button to return to the Search Page.



The screenshot shows a window titled "Fine" with a yellow title bar. Inside the window, there is a text prompt: "Please click 'Refresh' before Checking or Paying F...". Below this, there is a label "Card No" followed by a text input field containing "ID000005". Underneath the input field, there are three buttons stacked vertically: "Check Fine", "Pay Fine", and "Refresh". To the right of these buttons is a single button labeled "Main". At the bottom left of the window, the text "Estimated fine:0.0" is displayed.

## New User Page

1. Key In all the required values and click the Sign Up button.
2. A card Number will be assigned to the New User.
3. Duplicate Users with same SSN will not be allowed
4. Click the 'Main' button to return to the Search Page.



The screenshot shows a window titled "New User" with a yellow title bar. Inside the window, there are five labels with corresponding text input fields: "SSN" (567345234), "First Name" (Deepthy), "Last Name" (Thomas), "Address" (7740 McCallum Blvd), and "Phone" (4697201053). To the right of the input fields, there are two buttons: "Sign Up" and "Main". At the bottom center of the window, the text "Your Card Number is: ID1003" is displayed.