

# QUICK START USER GUIDE FOR LIBRARIAN SYSTEM USERS

## Installation

1. Extract “.zip” file into a desired location.
2. Start MySQL server.
3. Open terminal where LIBRARY.sql is located.
4. In terminal, type “source LIBRARY.sql” .
5. Import project into IntelliJ IDEA.
6. Load SQL-JAVA connector mysql-connector-java-5.1.42-bin.jar into library.
7. Select SearchGUI.java to compile and build in IntelliJ IDEA.
8. Launch application.

## Book Search Page

On this page select either one or a combination of ISBN, Book Title or Author. Result will show up in table.

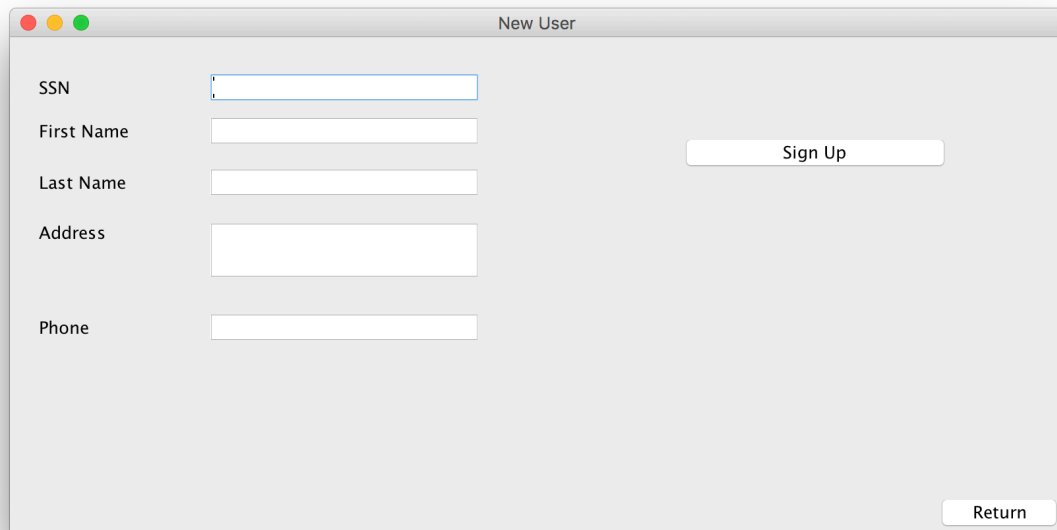
After searching, get into other pages through the corresponding buttons.

The screenshot shows a Java Swing window titled "Search". At the top left is a "New User" button. Below it, the text "CHOOSE ANY ONE OR TWO OPTIONS, Enter VALUE:" is displayed. There are three search criteria with checkboxes and text input fields: "ISBN" (checked, value "714014"), "Book Title", and "Author". Below these are four buttons: "Search", "Check Out", "Check In", and "Fine Details". At the bottom, a table displays the search results.

ISBN	Title	Author(s)	No_Of_Copies_Owned	No_of_Copies_Avialable
0830714014	Always Daddy's Girl: Underst...	H. Norman Wright	1	1

## New User Page

Add personal information of new borrower into blanks, then click “sign up” , new user’ s information will be added into database. By clicking “Return” button, we can go back to book searching page.



A screenshot of a web application window titled "New User". The window has a light gray background and a standard macOS-style title bar with red, yellow, and green window control buttons. The form contains five input fields on the left, each with a label to its left: "SSN", "First Name", "Last Name", "Address", and "Phone". The "SSN" field is currently active, showing a blue cursor. To the right of these fields is a "Sign Up" button. At the bottom right of the window is a "Return" button.

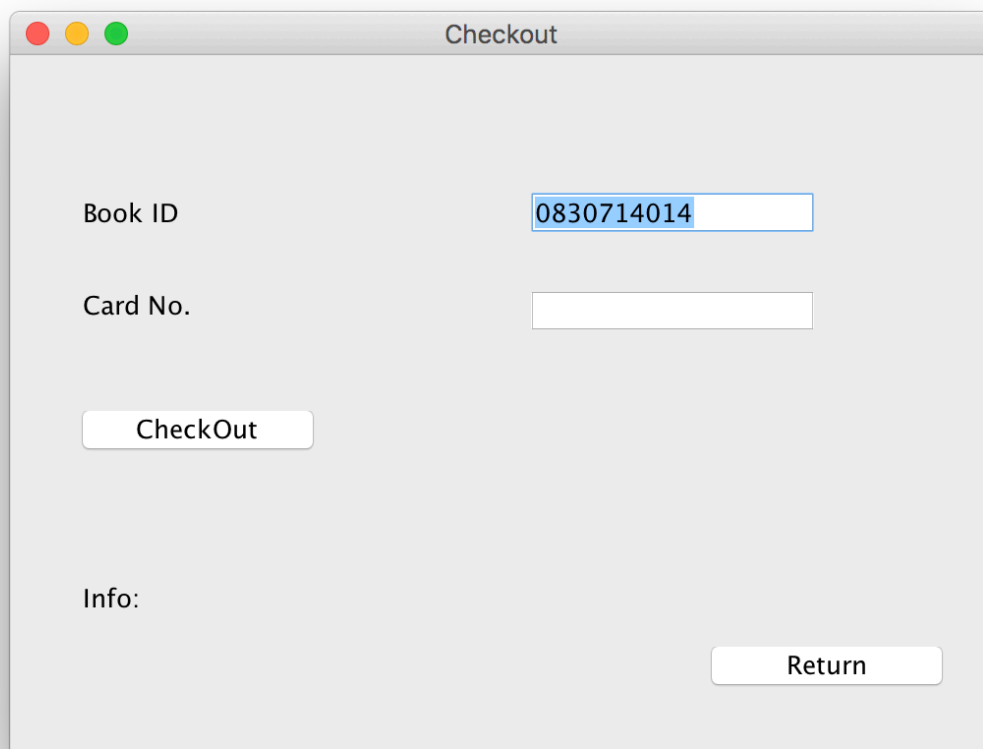
SSN	<input type="text"/>
First Name	<input type="text"/>
Last Name	<input type="text"/>
Address	<input type="text"/>
Phone	<input type="text"/>

Sign Up

Return

## Checkout Page

Enter Card No. of user then click Checkout button will checkout the related book to the borrower. If this book is already checked out, an error will pop up under the frame. One borrower can borrow at most 3 books.

A screenshot of a 'Checkout' dialog box. The dialog has a title bar with three colored buttons (red, yellow, green) and the text 'Checkout'. Inside, there are two input fields: 'Book ID' with the value '0830714014' and 'Card No.' which is empty. Below these is a 'CheckOut' button. At the bottom left is the label 'Info:' and at the bottom right is a 'Return' button.

Book ID	0830714014
Card No.	
<button>CheckOut</button>	
Info:	<button>Return</button>

## Checkin Page

Search checked out book by selecting either one or a combination of Book ID, name of borrower or card number. Result will show up in table. Then click check in button, borrowed book will be checked in, and checkin date will pop up in table once click search button again.

Checkin

☒ Book ID

☐ FirstName

☐ Card No.

0830714014

Check IN

Search

LOAN_ID	ISBN	CARD_ID	DATE_OUT	DUE_DATE	DATE_IN
23	0830714014	ID000066	2017-07-19	2017-08-02	2018-09-22

Return

## Fine Page

Click “Fine Details” from main page to link in to Fine Page. “Update” fine page first, fill card number in, click “Check Fine” to see how much fine borrower needs to pay. Fine value will be reset to 0.00 after clicking “Pay Fine” . Librarian can record borrower’ s payment record by fill in card number and payment value, click “Enter” .

The screenshot shows a web application window titled "Fine". At the top, a message reads: "\*\*\*Please click 'Update' before Checking or Paying Fine\*\*\*". Below this, there is a form with the following elements:

- A label "Card No." followed by a text input field containing the value "ID000066".
- A label "Enter Payment:" followed by a text input field and a blue "Enter" button.
- Three buttons stacked vertically: "Update", "Check Fine" (which is highlighted with a blue border), and "Pay Fine".
- At the bottom left, the text "Please pay fine: \$104.00" is displayed.
- At the bottom right, there is a "Return" button.