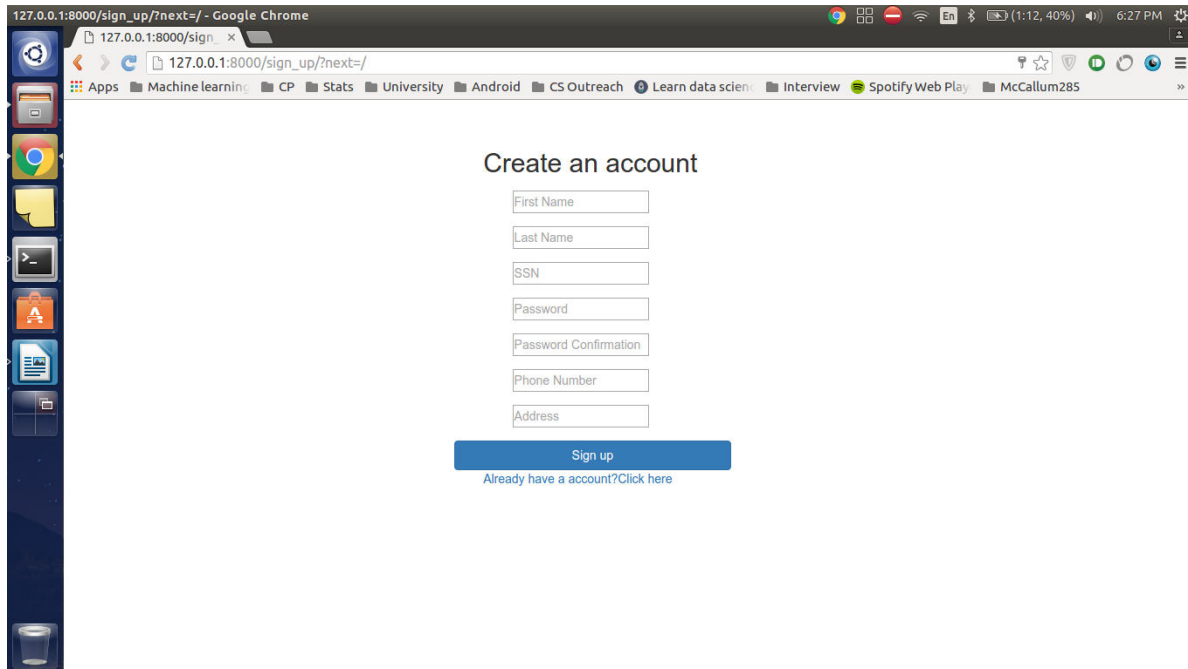# Library Management System

QUICK START GUIDE

This is a library management system that has been created digitize the various activities that are involved in a library management system. The image below shows the main login screen of the web

application where a user registers himself.

In the above screen we can see the fields which a user has to fill in order to get registered in the system. The fields in the form are:
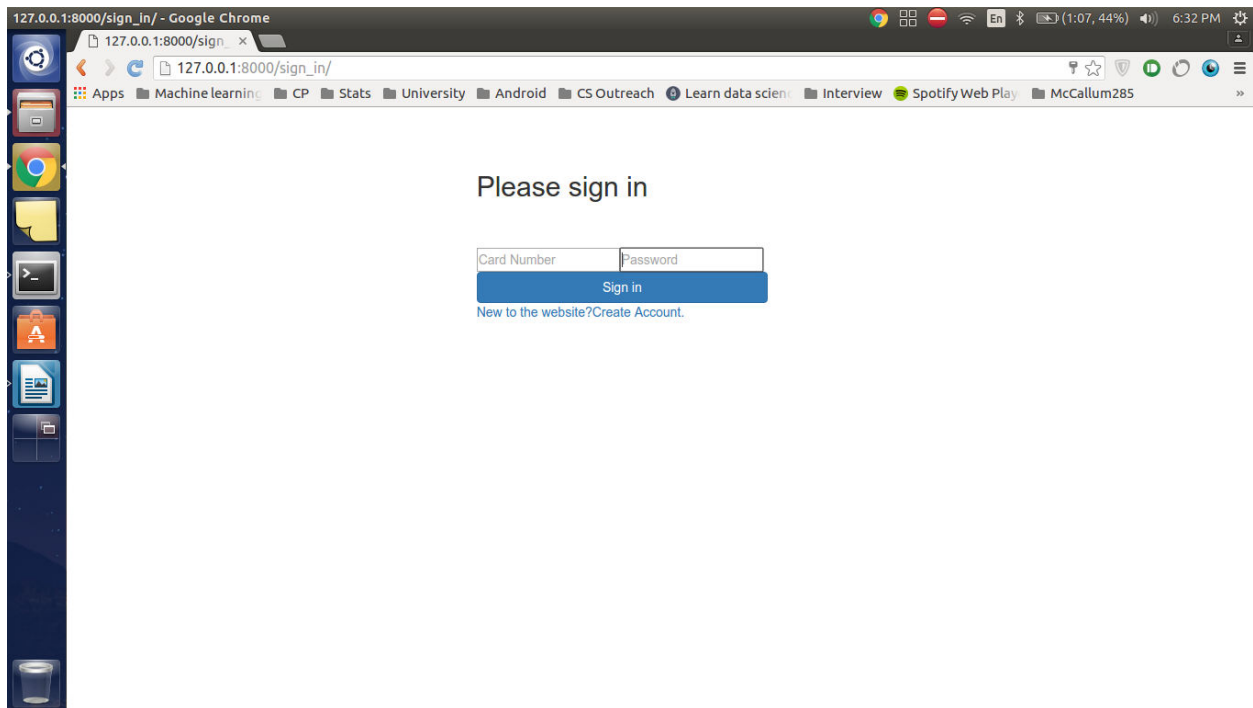
1. First Name
2. Last Name
3. SSN
4. Address
5. Phone number
6. Password

Clicking on the signup page will lead you the home page

1.1

1.2 Login Page

In case you have already made an account, you can go to the login page and use your card number and

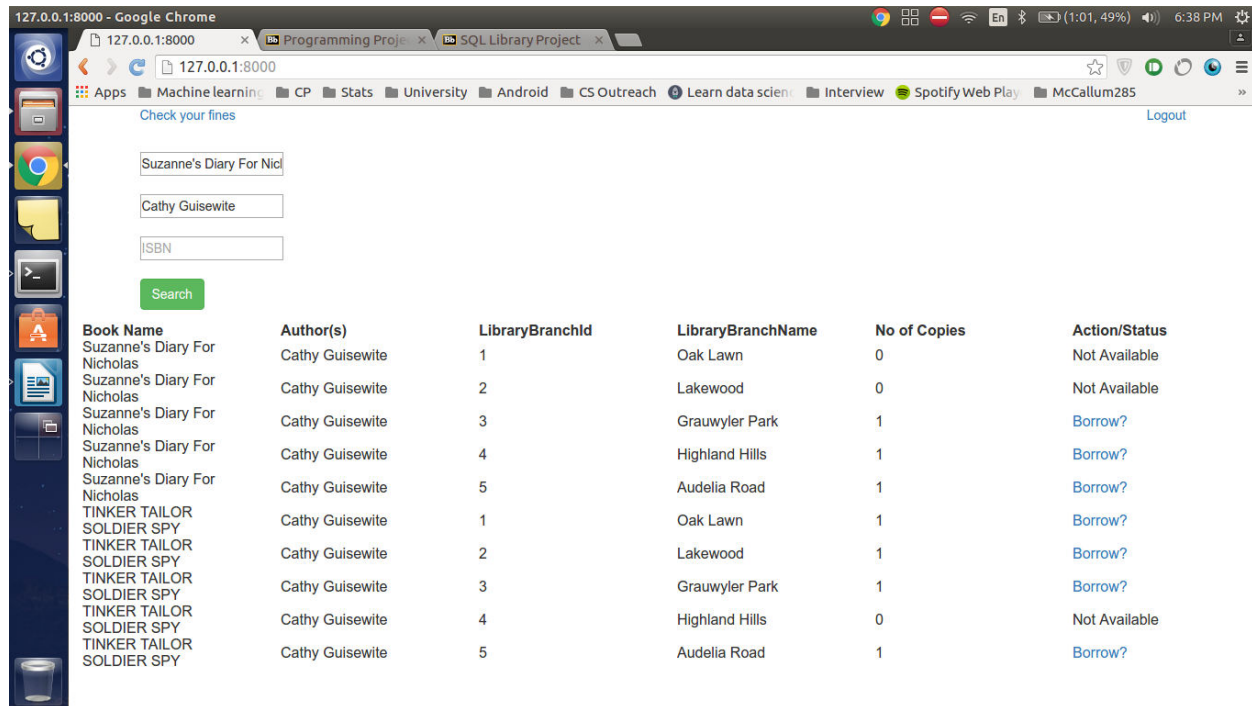password in order to gain access to the system

The results displayed, are shown according to the branches in which they are available, the number of copies that are available in each of the branches and a button to check out the book, if it is available.

Clicking on the checkout button will take the user to the check-out screen and facilitate the user to check out that book to a particular borrower.

1.3

1.4 BOOK SEARCH

The library management system will allow the user to search for a book. The user can search for a book based on the Book ID i.e. ISBN number of the book, the title of the book and the author names for a particular book. All the fields in the form are considered separate, i.e. the books will be obtained from

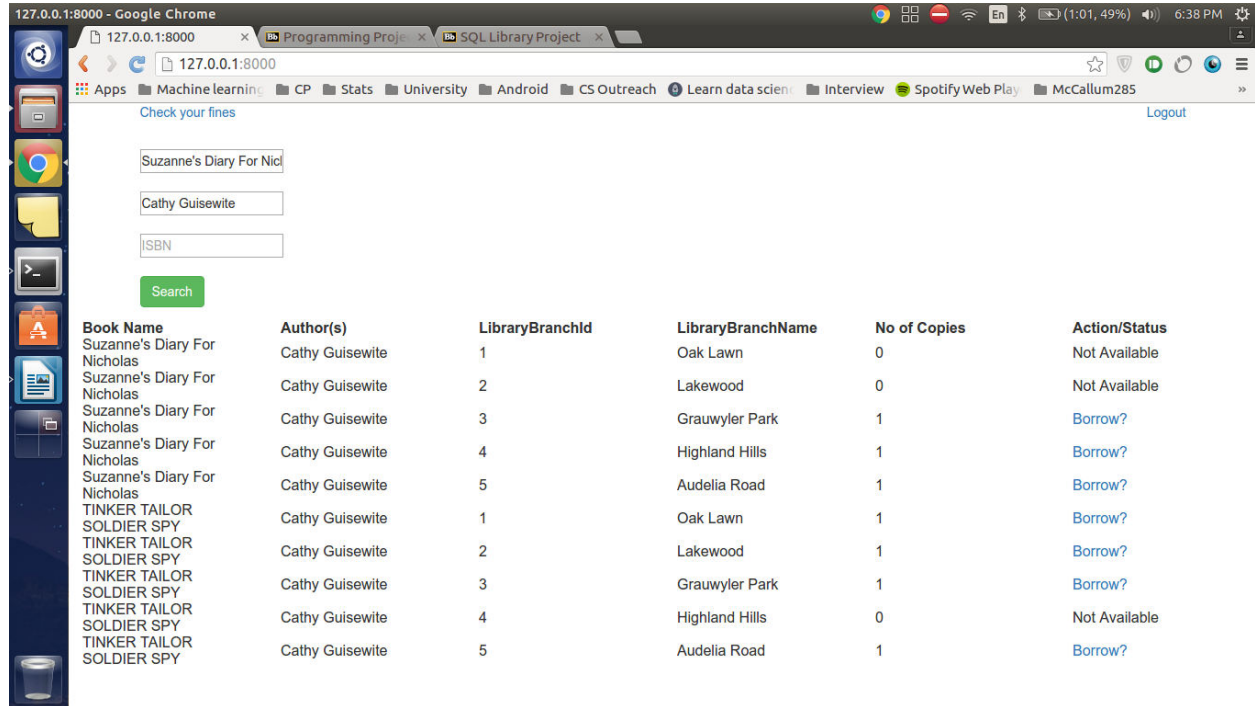the Oring of the books got for a particular Author,Isbn,Name.Here's a sample screenshot

You can see that I see that all the books which have the title 'Suzanne's Diary For Nicholas' or have the author 'Cathy Guisewhite' got listed.
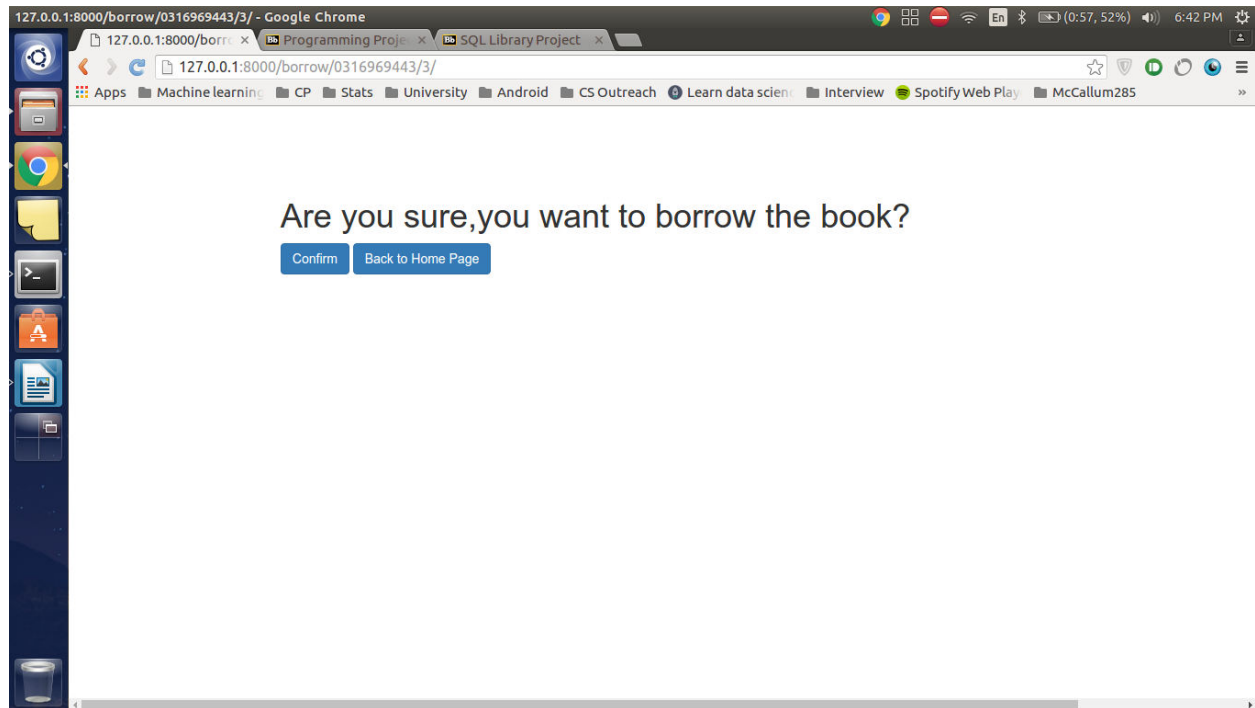
1.5 Book Loan

Similarly, check-in part of the book loan section of the library management system allows the user to check in the book that has been returned by a borrower. The check-in section of the system allows the user to search for the books that have been checked out by the borrowers based on the Book id i.e. ISBN of the book or the card number of the borrower or the name of the borrower. The check-in section of the Book Loan is shown:

1.6 Fine Tracking

The library management system allows the user to track all the fines that are
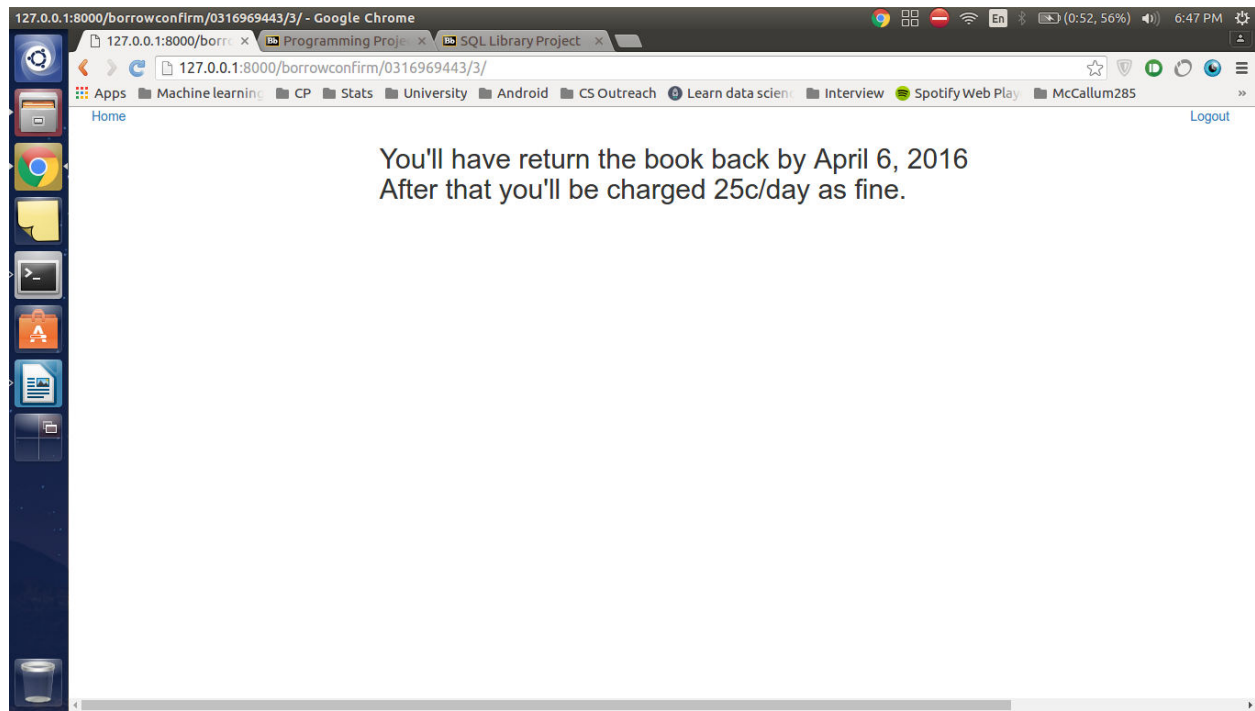
As you can see on the right hand side of every book, there's a borrow hyperlink that

redirects to the page

Clicking on 'Back to the homepage' will redirect back to the homepage.

If we click on confirm we will be redirected to the confirm screen.
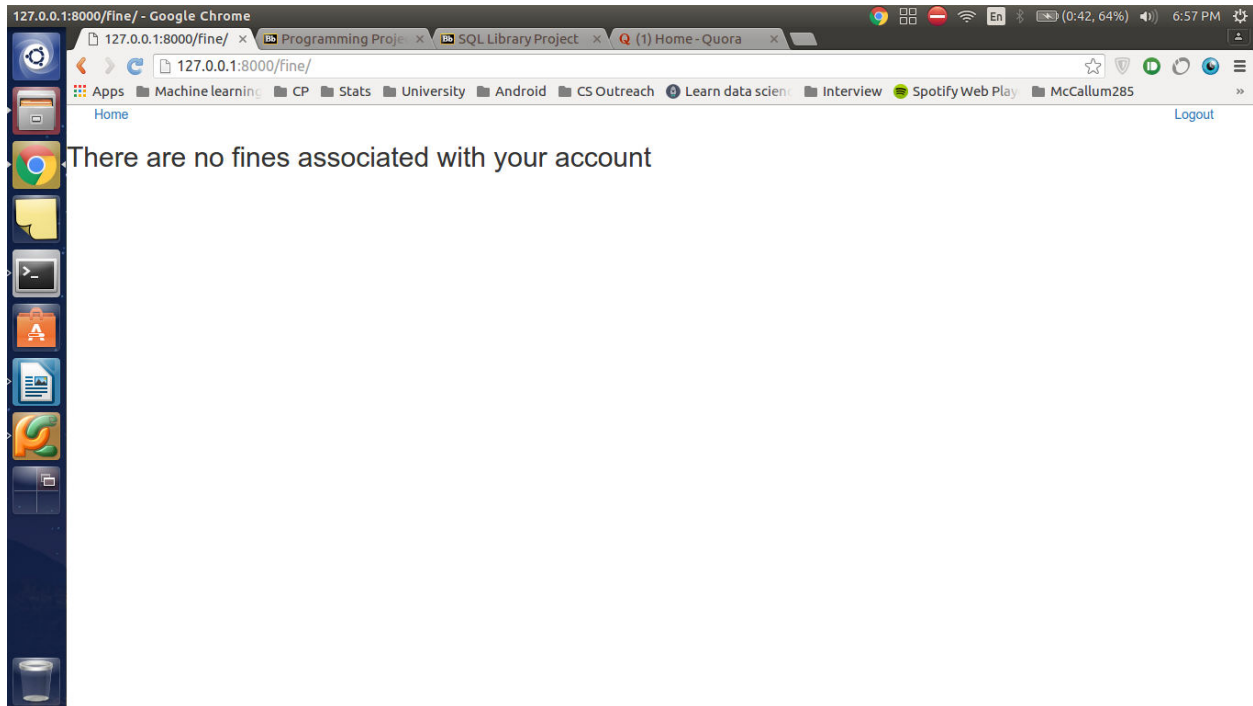
Clicking on confirm will redirect to a page that shows us the due date and the fine tha will be charged after the due date.

1.7   CHECKING YOUR FINE

Go to the home page and at the top left click on the view my fines field.
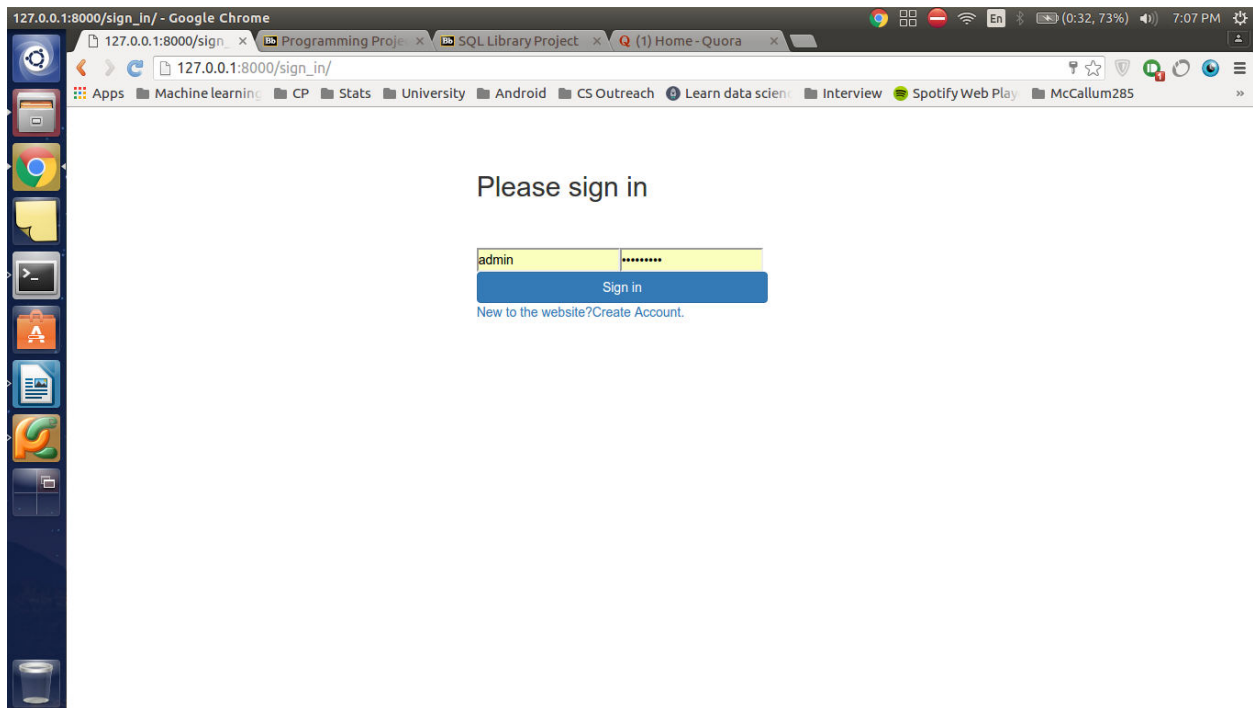
After clicking on the field if there's no fine associated with your account then a screen like this will appear in front of you
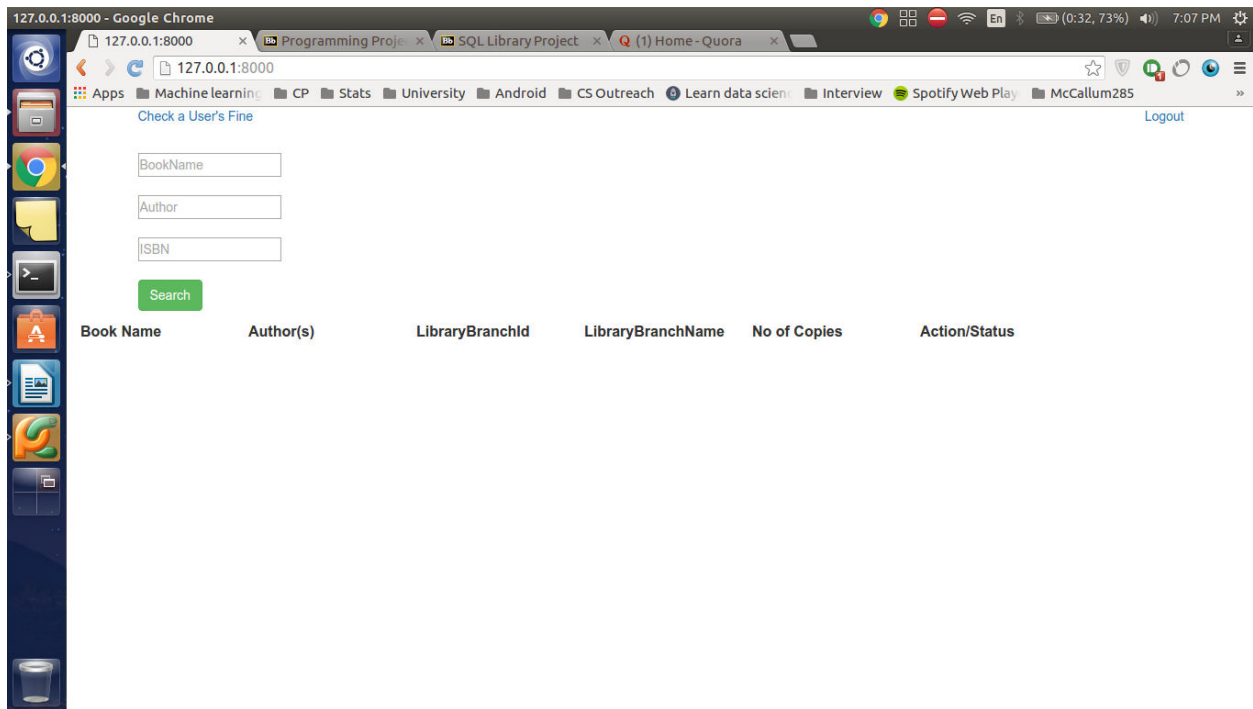
1.8   Librarian's Portal

A librarian will be able to check in the books returned by the users and also be able to collect fines.
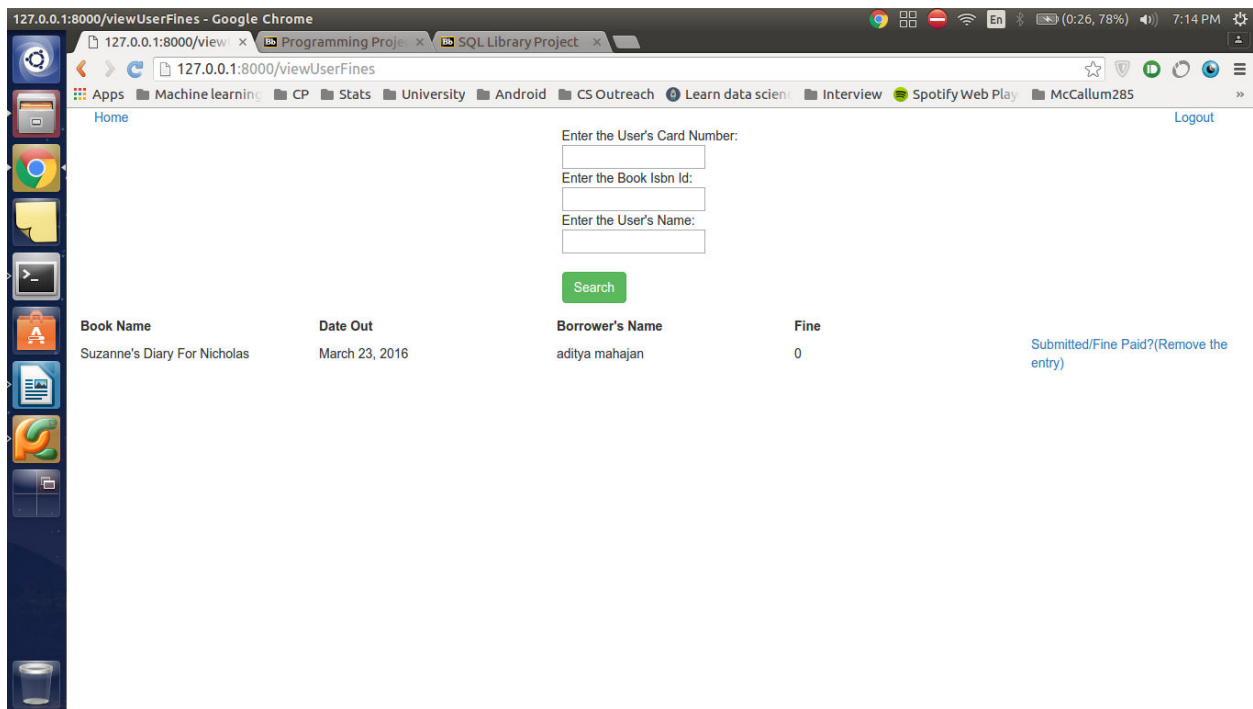
To use the portal as a librarian, go the log in page and enter the username as "admin" and password "admin1234"

Click on sign in and you'll be redirected to a home page which looks similar to the homepage for any other user, except there will be link to check a user's fine at the top left.

Clicking on that link will redirect to a page where you can see all the books currently loaned and fines

associated with them

You can filter the contents using the form given at the top.

For every book, there's a link associate with them. When a user returns the book and the associated fine, you can remove that entry from the table by clicking on that link.