



CMSC 495 6380

USER GUIDE

GROUP 7

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REVISION HISTORY TABLE

DATE	NAME	DESCRIPTION
07/07/2022	Ayodeji Onitilo	System Requirements, Installation, Operations

System Requirements

System Specification

- Windows 7 SP1 or later, x64 CPU architecture
- Ubuntu Linux 18.10 or later, x64 architecture
- macOS 10.11 or later, x64 architecture

Virtualization

All the above operating systems are also certified when running as virtual guest on any of the following hypervisors as long as the operating system is supported by that hypervisor.

- Oracle VM
- Solaris Containers
- Solaris LDOMs
- Microsoft Hyper-V Server
- Docker

Hardware

- RAM: 128 MB
- Disk space: 124 MB for JRE; 2 MB for Java Update
- Processor: Minimum Pentium 2 266 MHz processor

Development

- Eclipse 5.0

Operating Platform

No additional item is needed for the operating platform

Installation

- To install and run the app, ensure the computer meets the minimum system requirements needed to run the program
- To run the app, the user needs to have an IDE capable of running Java 8. Some of the IDEs capable of running Java 8 include IntelliJ IDEA, Visual Studio Code, Eclipse and NetBeans

-To install VS Code - <https://code.visualstudio.com/download>

-To install Eclipse - <https://www.eclipse.org/downloads/packages/installer>

- The source code for the library management system is needed to run the program.

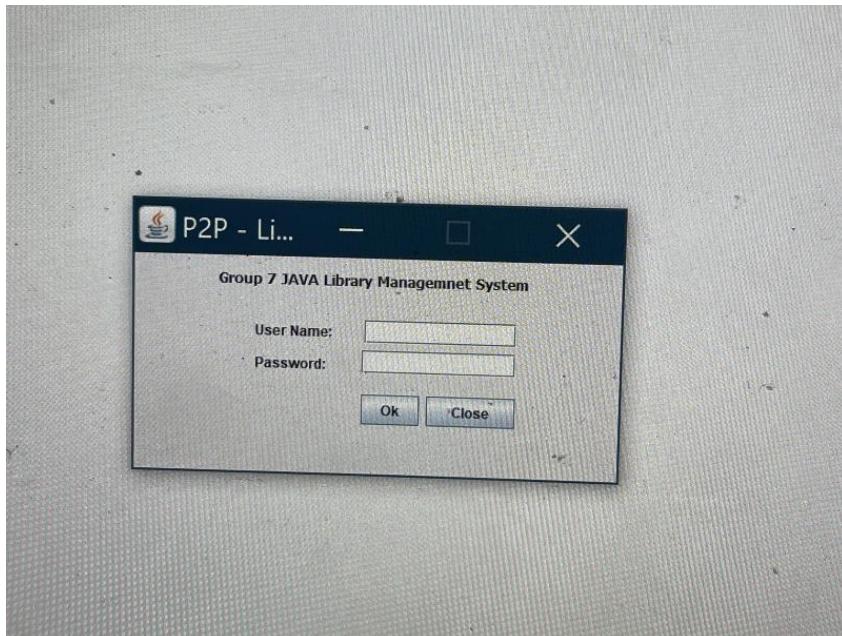
The source code can be gotten from the project github repo:

<https://github.com/CMSC-495-GROUP-7/LibraryManagementSystem>

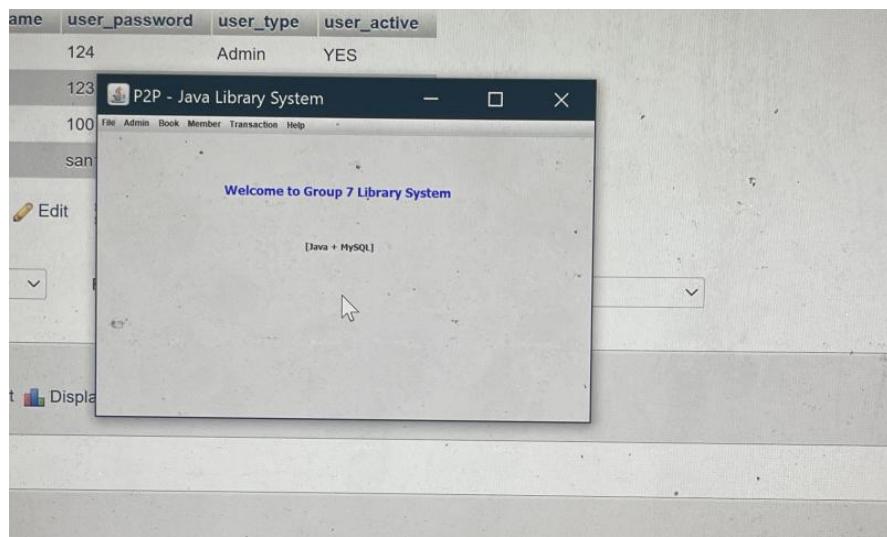
- To run the program after downloading the code from the github repo, open the Java IDE and open the folder that contains the code files
- Click on the main class and run the class to start the library management system program

Operation

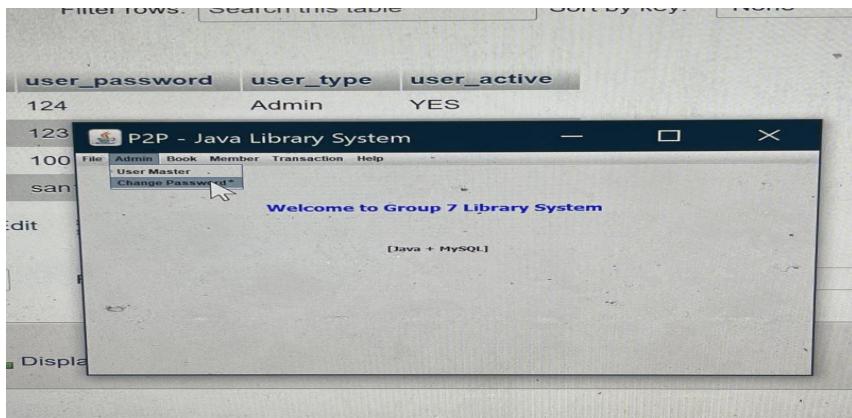
- When the user runs the main class of the program in an IDE that supports Java 8, the launch screen of the program is loaded, where the user is then asked to input their login details to access the system



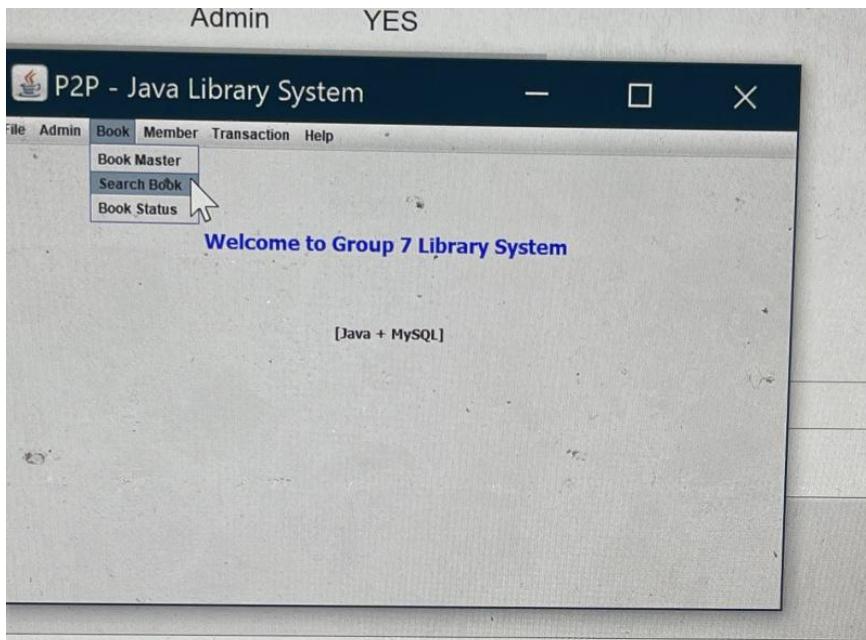
- When the user successfully logs in to the system, the next screen is the home page of the system where the system views an array of menus



- To change the login password, the user can click on the admin button and then click change password where a user is then prompted to choose a new login password

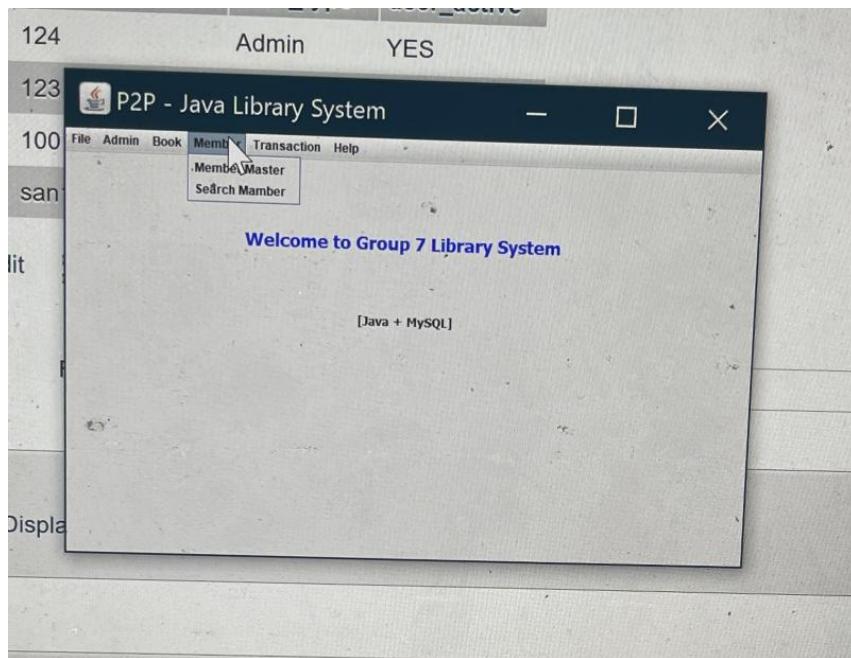


- To search for a book, a user clicks on the book tab and then clicks on the search button

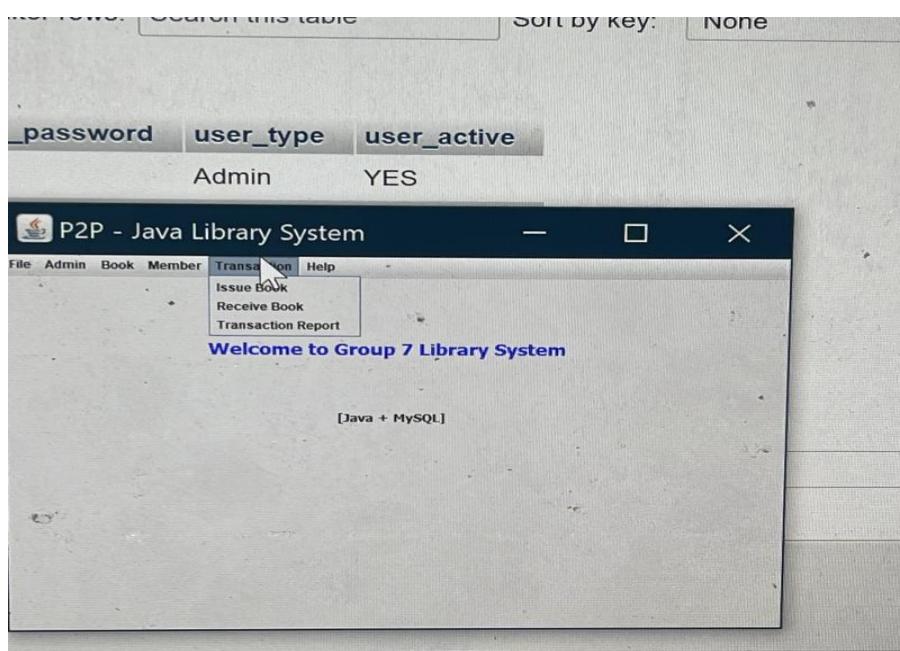


- The user can then select the book and then proceed to see the availability

- To search for a member, the user can also click the member tab and click search user as an admin



- To complete a check out, click the transaction tab and then click on the issue book option



- To exit the program, the user can click the exit button in the top right hand corner of the screen