Book Sharing application Proposal

Functionalities

1. Register student to the system.
2. Login as Student to the system
3. Logout from the System.
4. Add books to the system.
5. Update book record in system
6. Delete book from system.
7. Search book all from system.
8. Borrow book form system.
9. Return book form system.

Views:

- Login View
- Register user view.
- Student portal view View.

Technology:

Java (JDK 17) , FX SDK -21 , MySQL ,PhpMyAdmin

Source control via GIT

IDE : Eclipse ,Sean Builder

Deliverable Milestone:

- Create local setup for Java +FX+ PhpMyAdiin and commit change to report repo. - Done

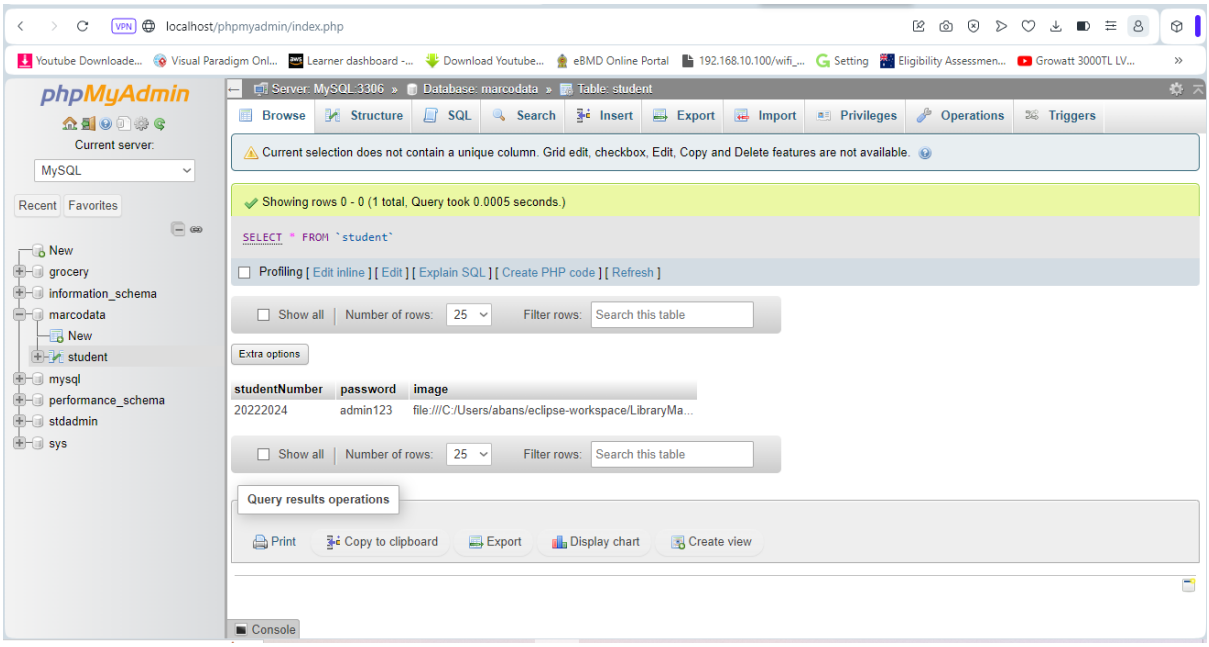
https://github.com/umayanga123/BookShareSystemApplication

- Create Login Page - Done
- Create Login Functionality with error handling. – Done
- Create User Registration View and functionality. – Done
- Create book Adding functionality. – Done
- Create book search functionality. – Done
- Create book update functionality.
- Create book delete functionality.
- Create Main View – borrow and lending books. – Done

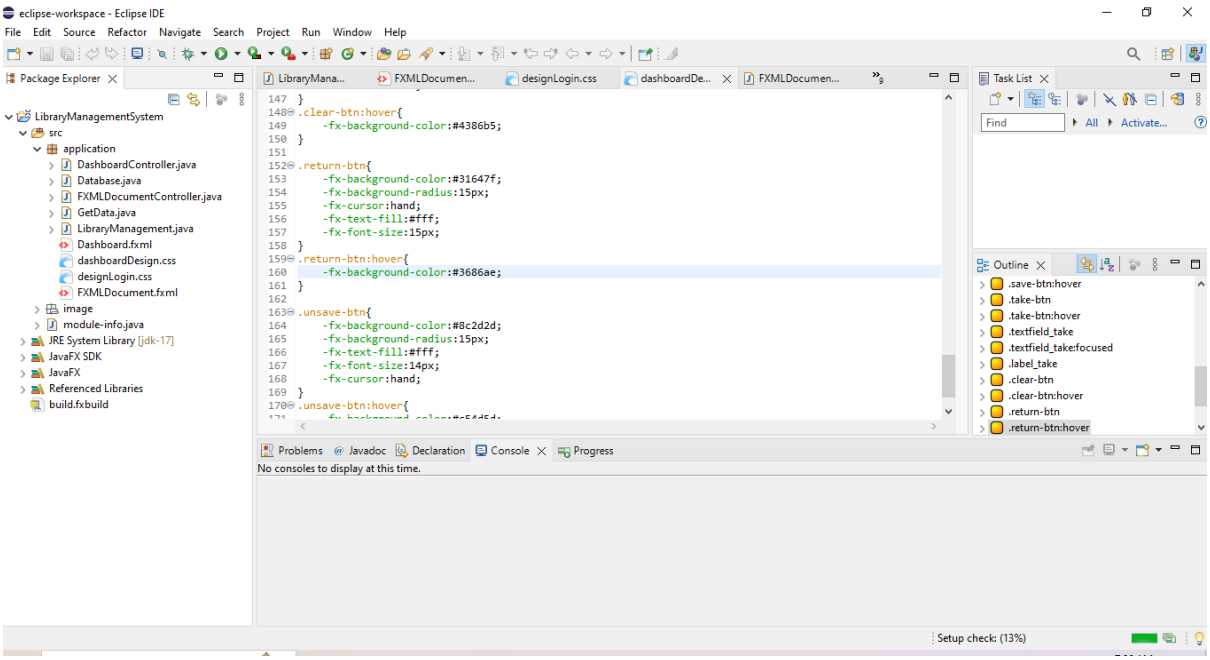
Timeline

Screen shot:

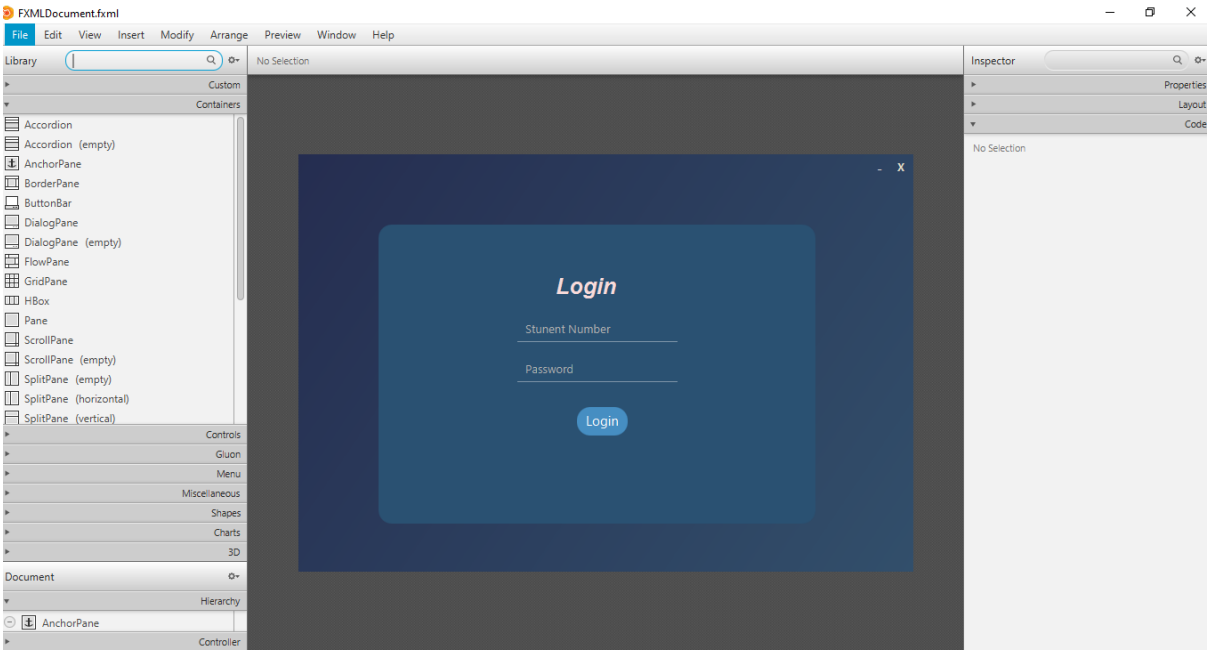
PhpMyAdmin

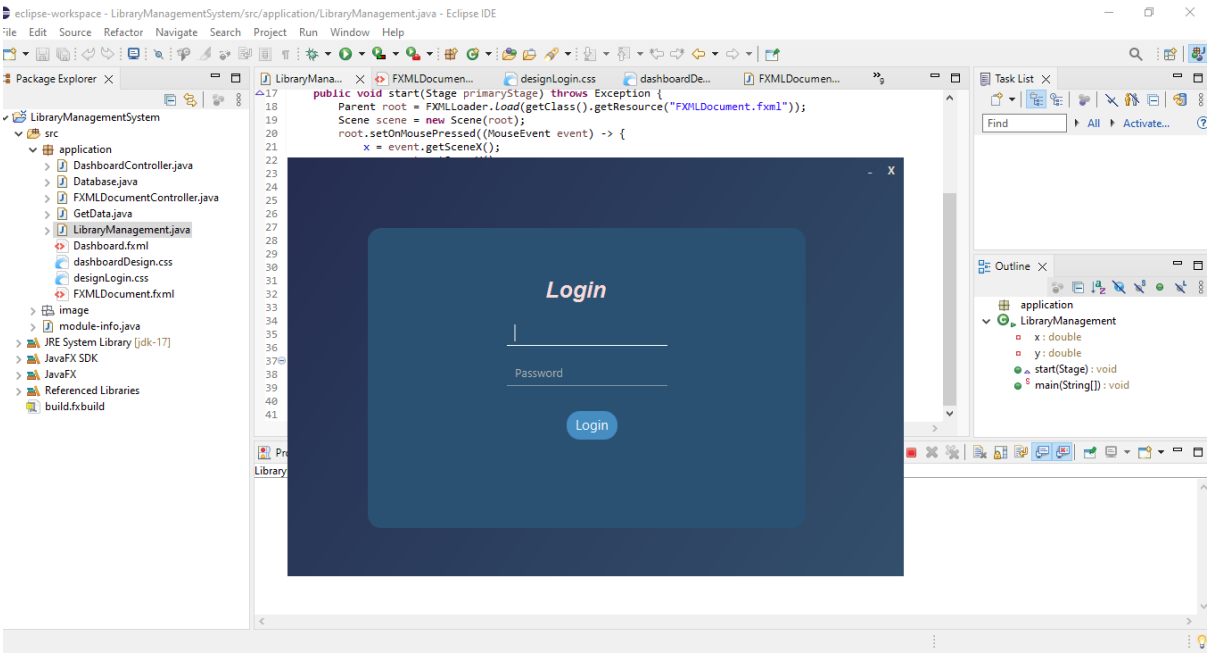


Eclipse Dev env

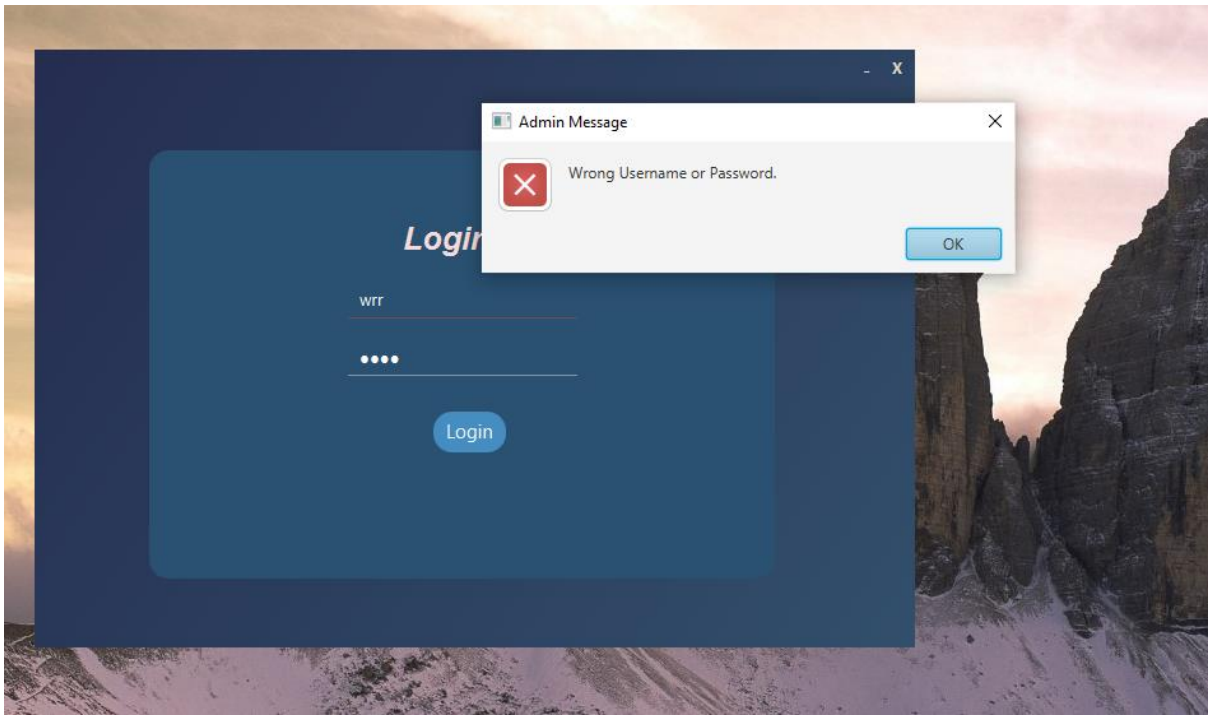


Scene Builder (Java FX)

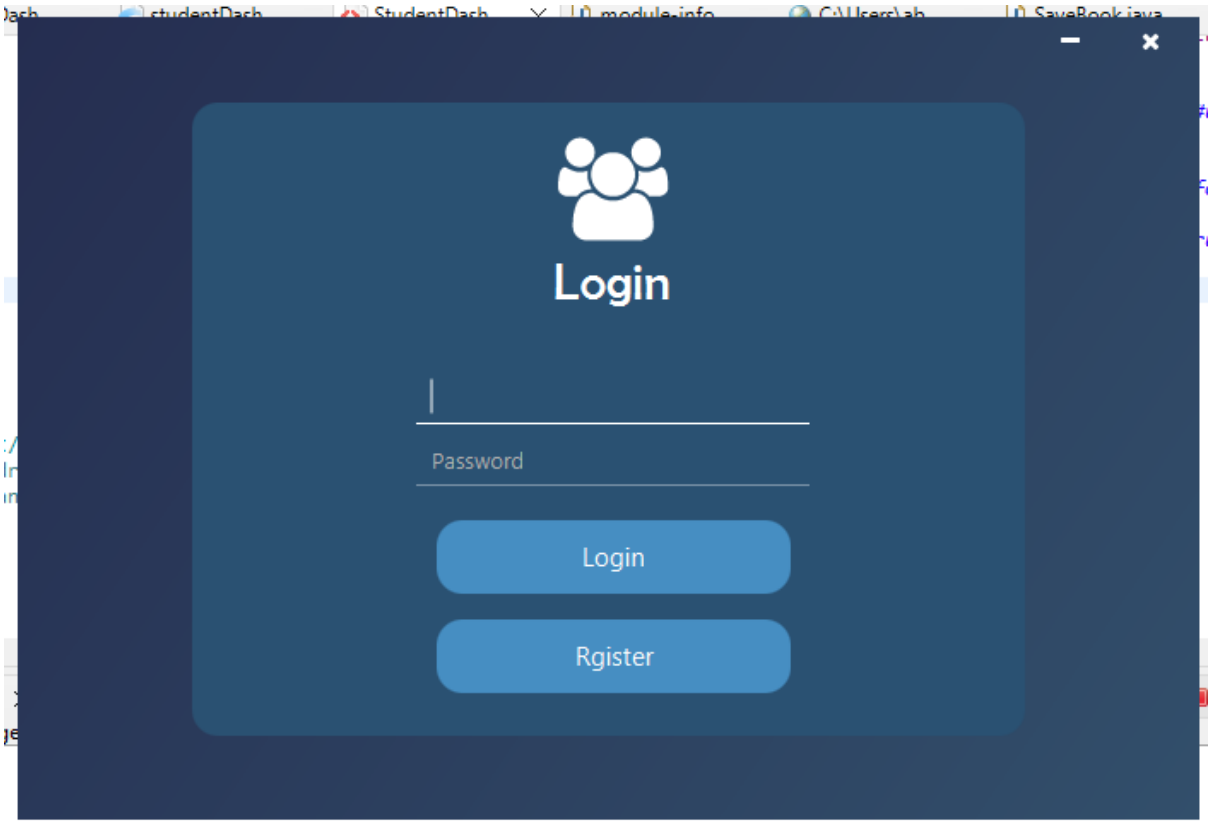


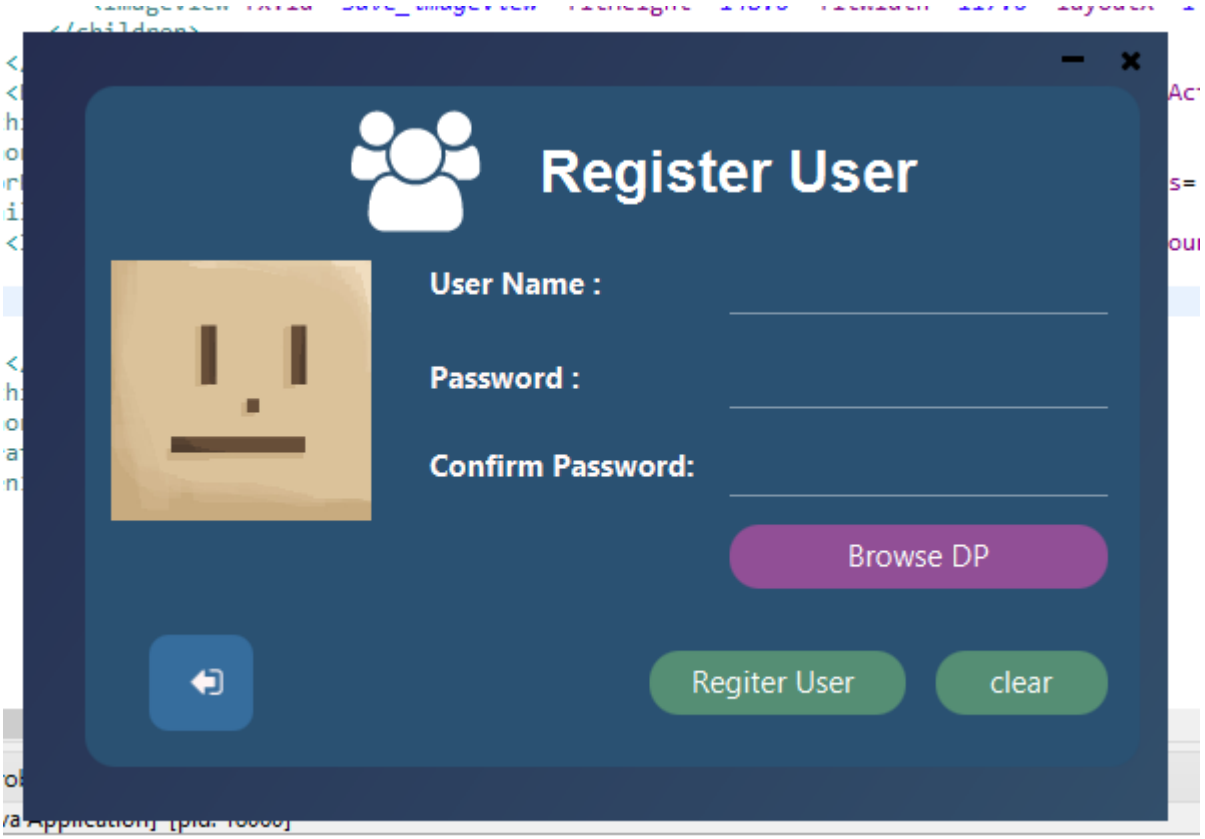


Run Application and Text user validation with DB



UIs:

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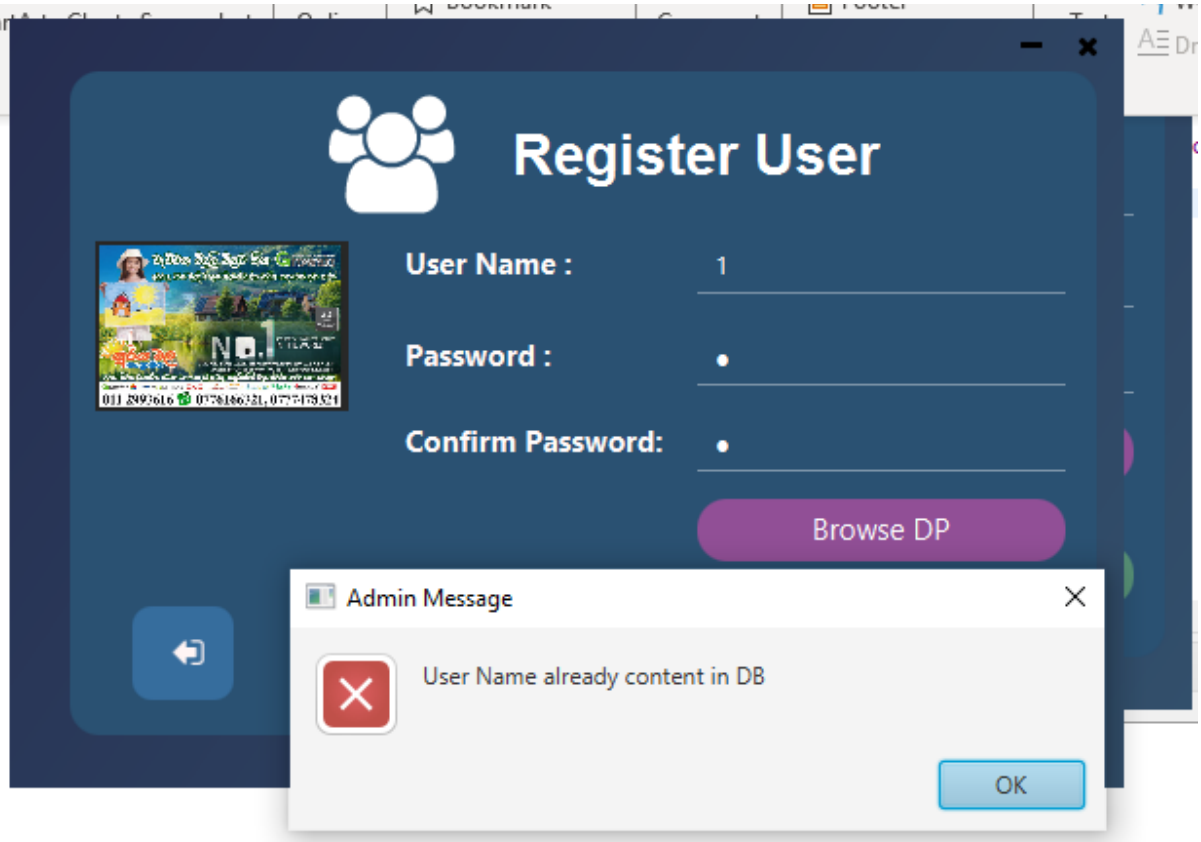
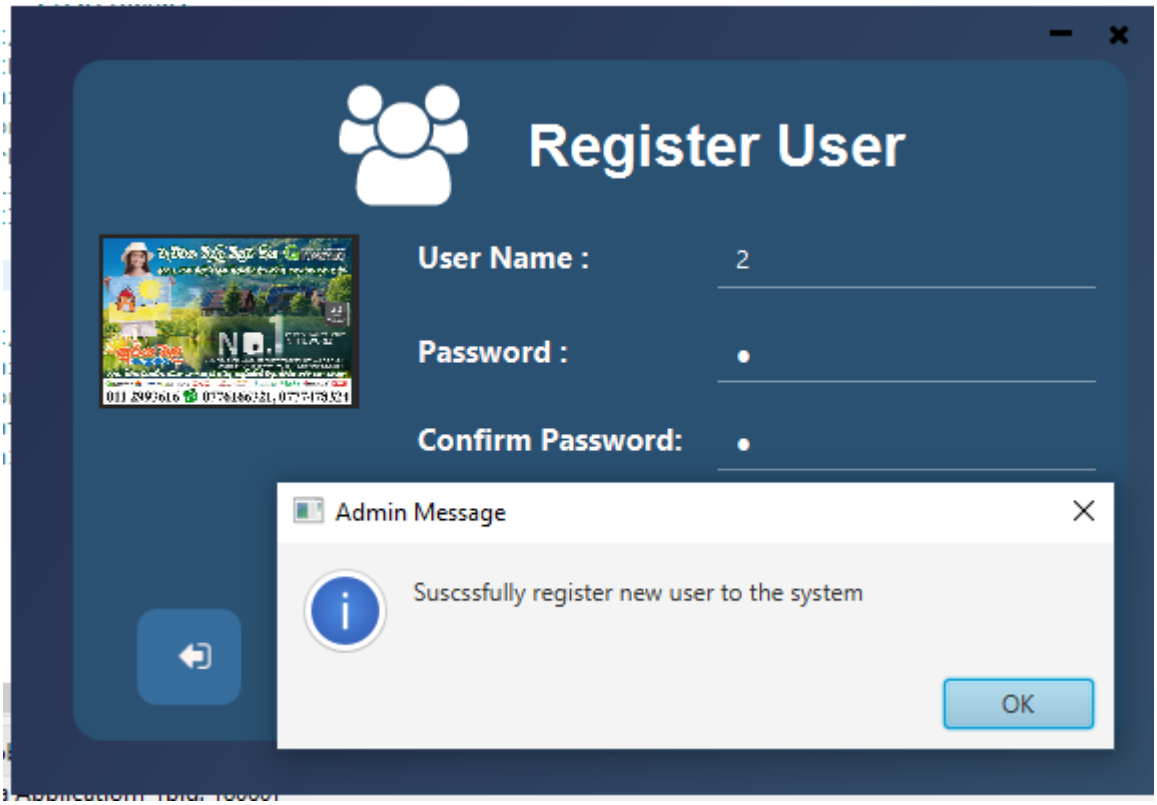
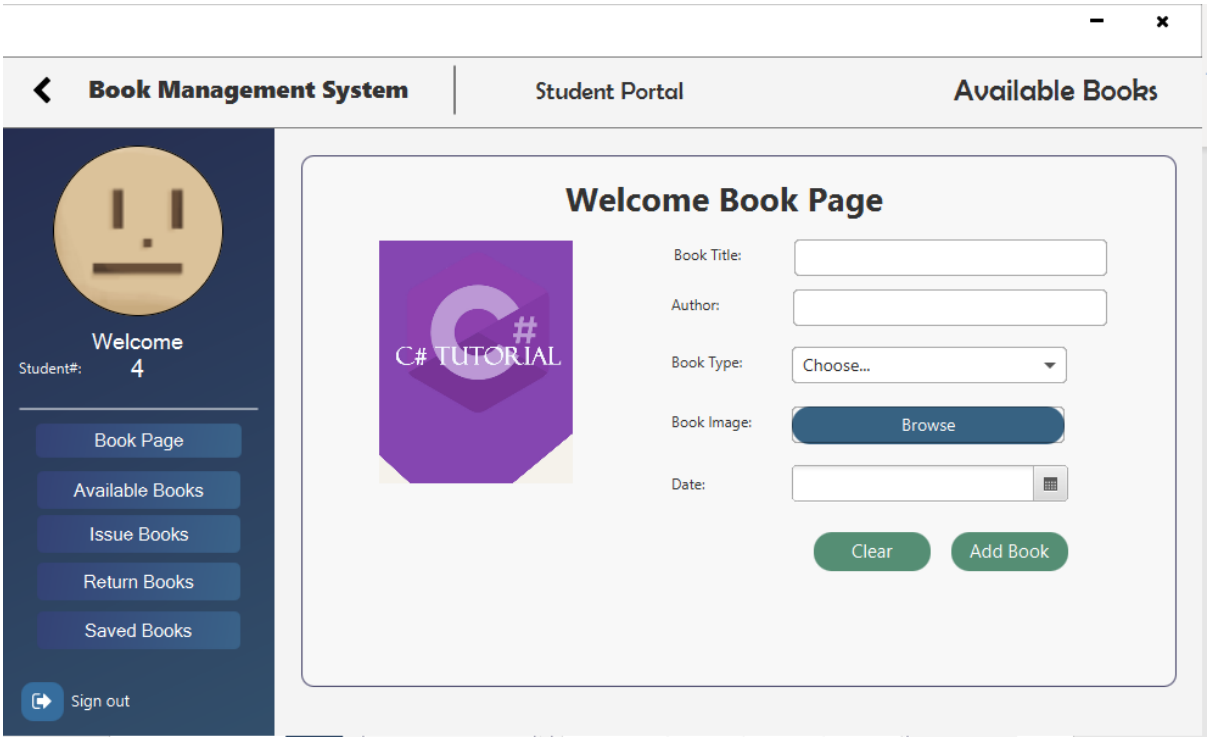
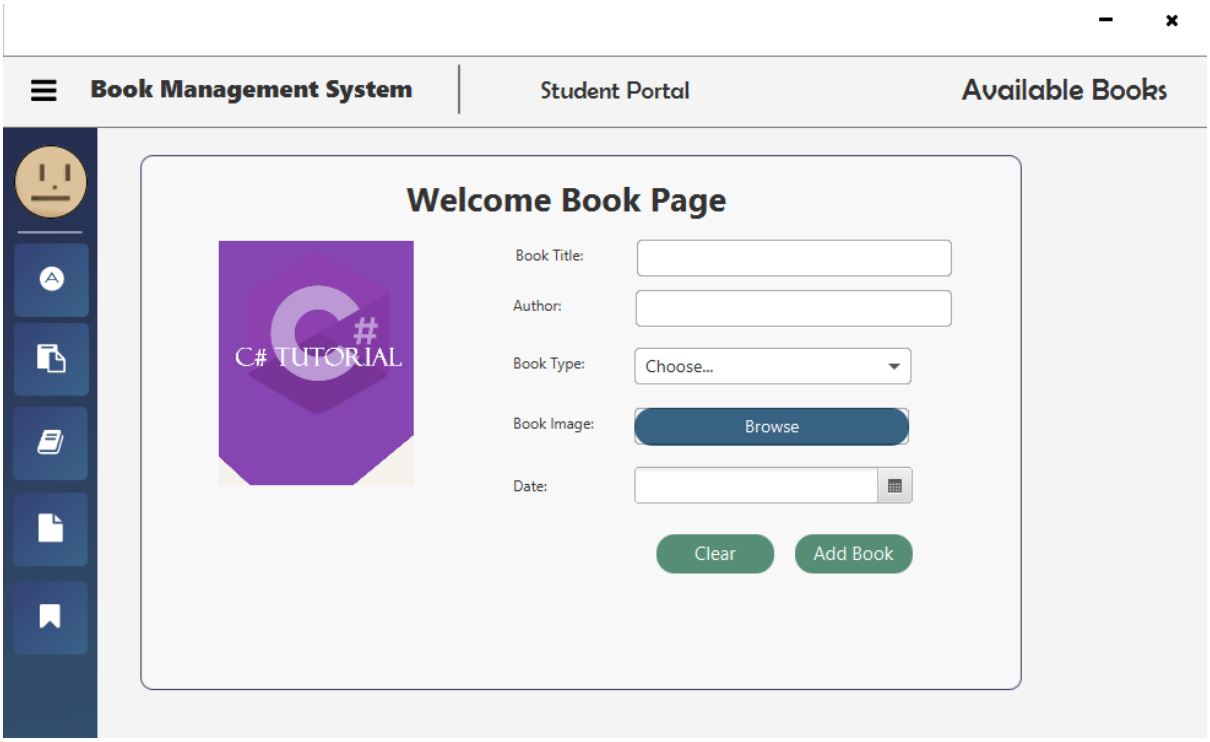
User Name :
Password :
Confirm Password:
Browse DP
Regiter User
clear


Register User
User Name :
1
Password :
Confirm Password:
Browse DP
Admin Message
User Name already content in DB
OK


Register User
User Name :
2
Password :
Confirm Password:
Admin Message
Suscssfully register new user to the system
OK


Book Management System
Student Portal
Available Books
Welcome
Student#:
4
Book Page
Available Books
Issue Books
Return Books
Saved Books
Sign out
Welcome Book Page
C# TUTORIAL
Book Title:
Author:
Book Type:
Choose...
Book Image:
Browse
Date:
Clear
Add Book


Book Management System
Student Portal
Available Books
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Book Title:
Author:
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Book Image:
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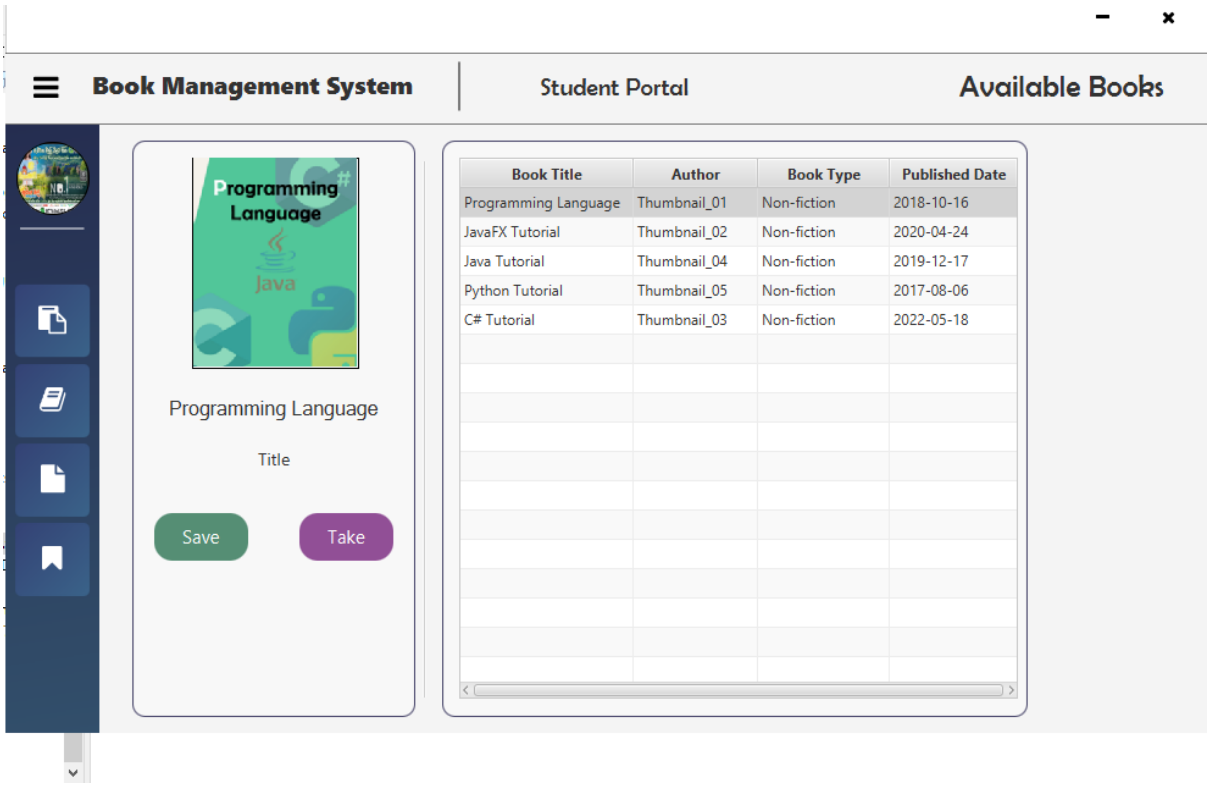
Book Management System
Student Portal
Available Books
Programming Language
Java
Programming Language
Title
Save
Take
Book Title
Author
Book Type
Published Date
Programming Language
Thumbnail_01
Non-fiction
2018-10-16
JavaFX Tutorial
Thumbnail_02
Non-fiction
2020-04-24
Java Tutorial
Thumbnail_04
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C# Tutorial
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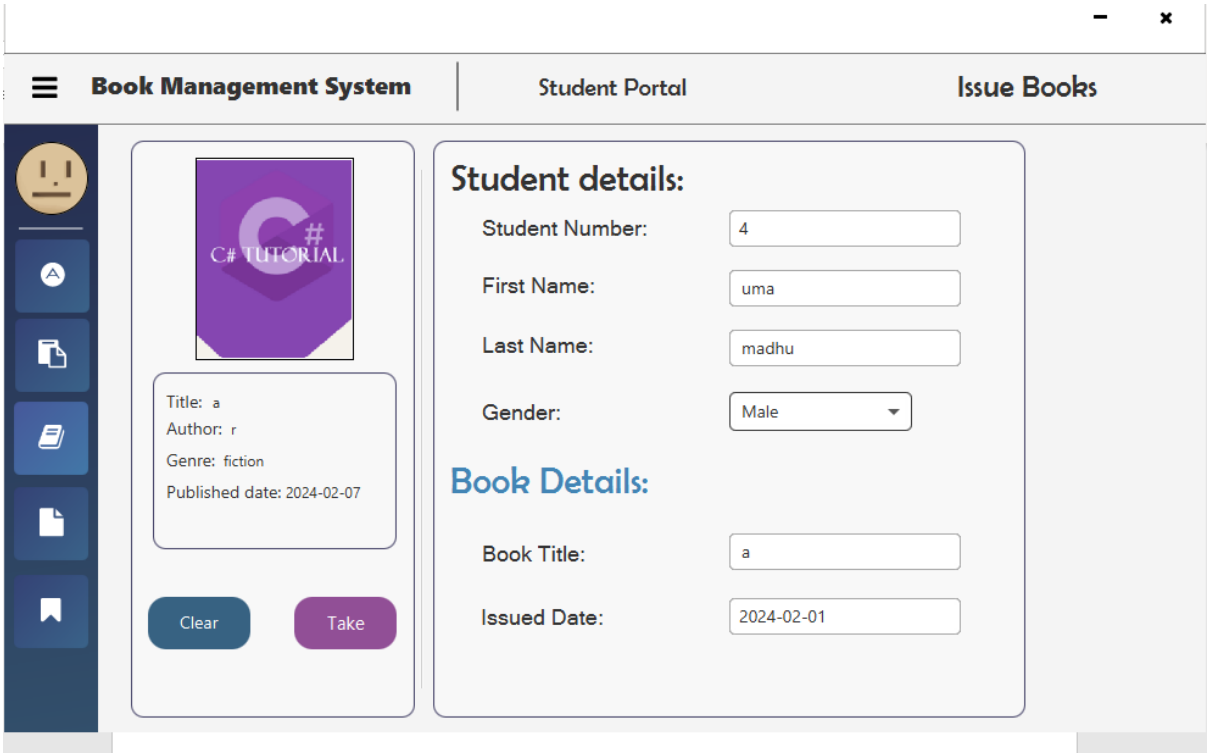
Book Management System
Student Portal
Issue Books
C# TUTORIAL
Title: a
Author: r
Genre: fiction
Published date: 2024-02-07
Clear
Take
Student details:
Student Number:
4
First Name:
uma
Last Name:
madhu
Gender:
Male
Book Details:
Book Title:
a
Issued Date:
2024-02-01