SWE312: Software Construction & User Interfaces

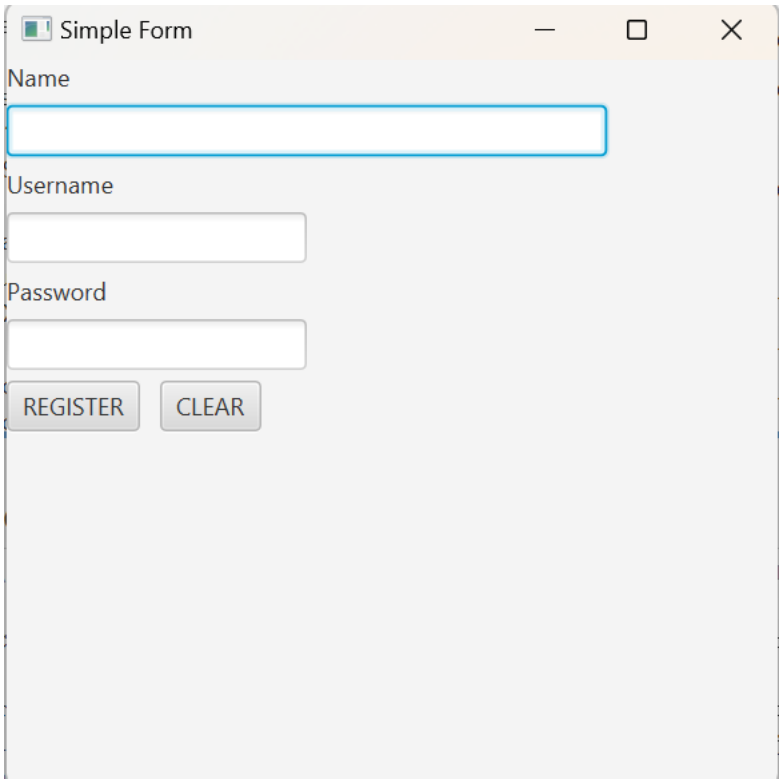
Lab 2

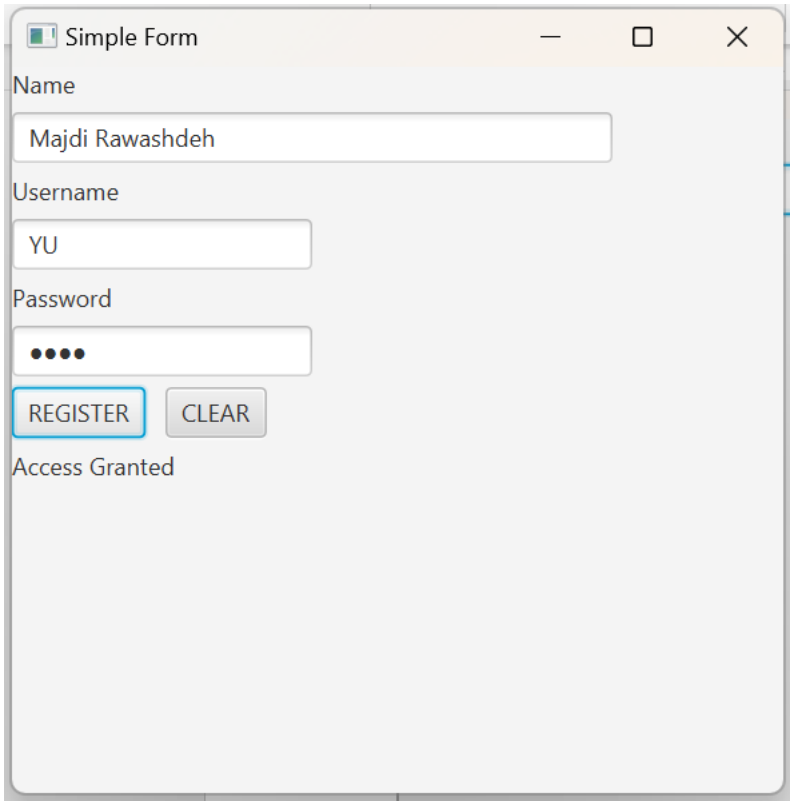
JavaFX UI Conrotls

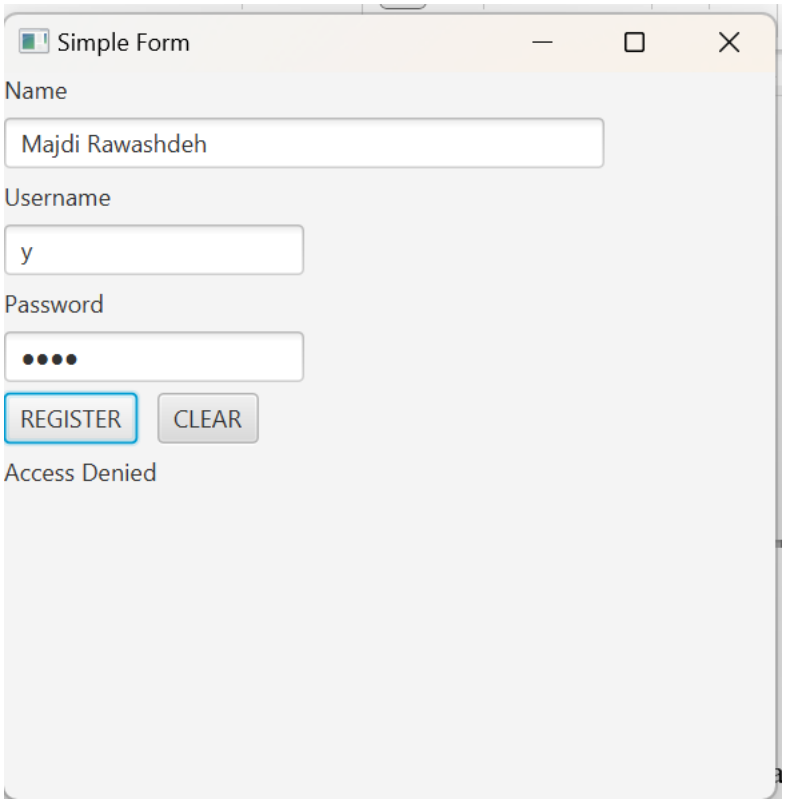
- Due date: Wednesday 2nd , of October 2024.
- Work INDIVIDUALLY. No group work is accepted.
- Stick to deadlines! Late assignments will not be accepted.
- Submit your solution to the LMS system, do not send it by email.

Ex1: Create a JavaFX program that presents a graphical user interface (GUI) with a form containing fields for a username and a password. The program should allow users to input their credentials, and if they enter the correct credentials (username = "YU" and password = "1234") and click a "Register" button, the GUI should display "Access Granted." If the credentials are incorrect, it should display "Access Denied." Additionally, the program should include a "Clear" button that erases all data entered in the form when pressed.

Sample Run:

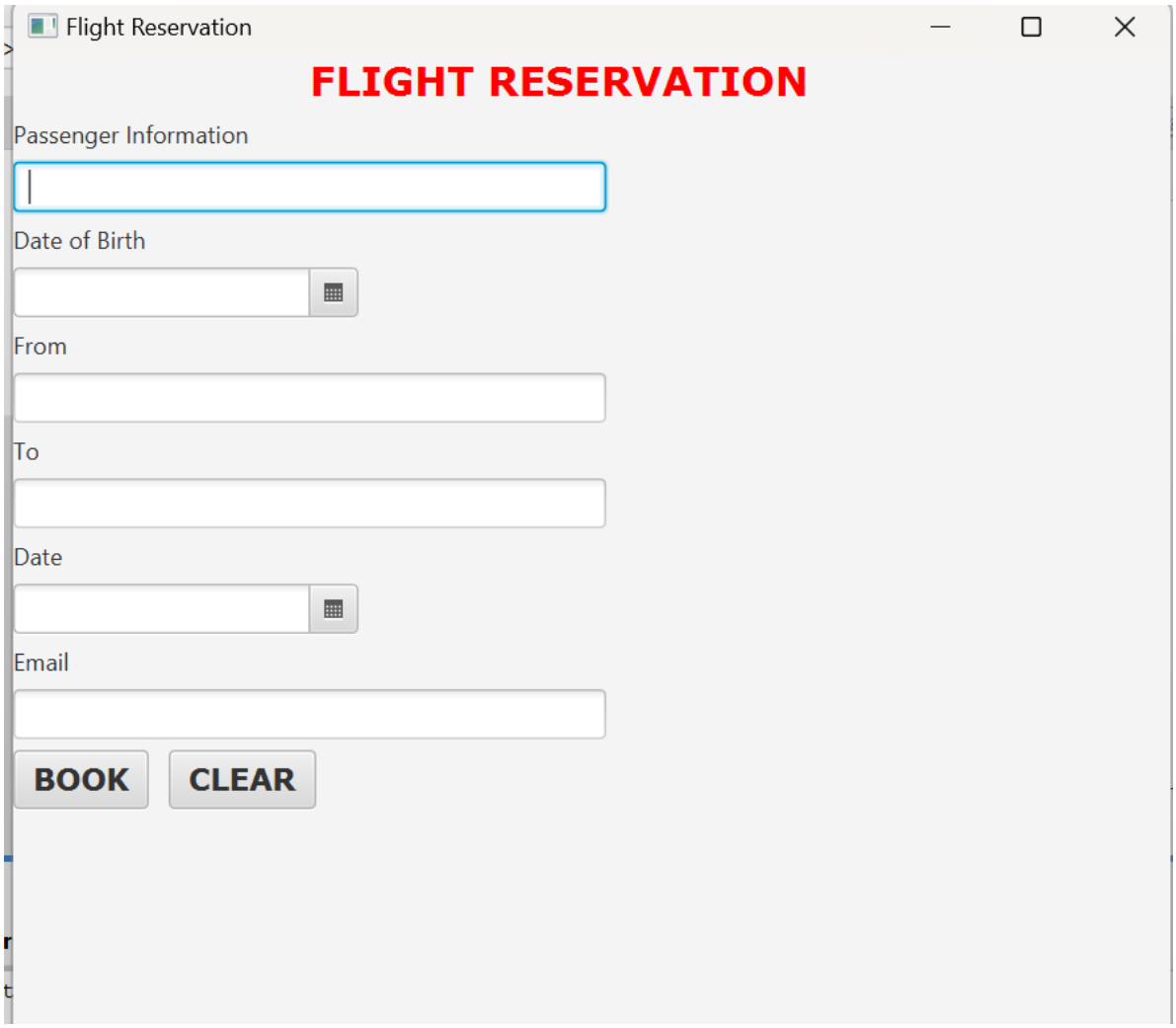


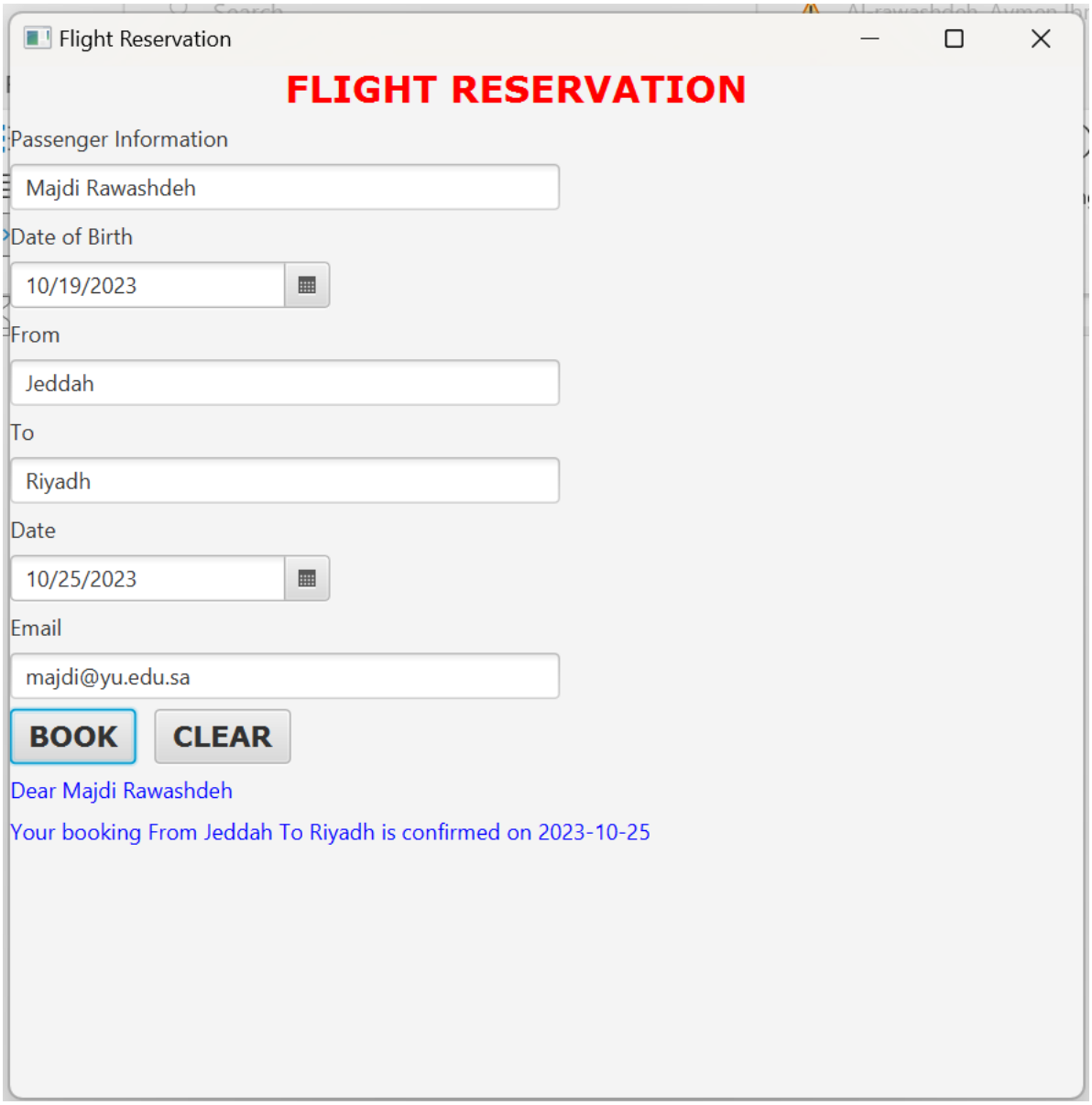




Ex2: Create a JavaFX program that presents a graphical user interface (GUI) with a form containing the flight Information. The program should allow users to input their travel information, and click a "BOOK" button, the GUI should display a confirmation message to the user. Additionally, the program should include a "CLEAR" button that erases all data entered in the form when pressed.

Sample Run:


Flight Reservation
FLIGHT RESERVATION
Passenger Information
Date of Birth
From
To
Date
Email
BOOK
CLEAR


Flight Reservation
FLIGHT RESERVATION
Passenger Information
Majdi Rawashdeh
Date of Birth
10/19/2023
From
Jeddah
To
Riyadh
Date
10/25/2023
Email
majdi@yu.edu.sa
BOOK
CLEAR
Dear Majdi Rawashdeh
Your booking From Jeddah To Riyadh is confirmed on 2023-10-25