

CONCORDIA UNIVERSITY
CEJV 569, Instructor: Pranav Bhatia

FINAL PROJECT

Issued: Nov. 9, 2022 Due: Nov. 23, 2022, 5:00 PM

Note: The final project must be done individually and submitted electronically.

CRUD Application with JavaFX and JDBC

As a final project, create any application that has a basic authentication (login and signup), connected to a database and performs the basic CRUD operations. You can be creative and create any kind of application using JDBC, however here are the minimum requirements:

Project Requirements:

You are required to have (at least) the following pages:

1. Login
2. Signup
3. Contact Us
4. Main Page (user will see this after a successful login)

You are free to use your creativity for the overall look and feel of the website.

In the end, upload your project files on Moodle as well as on Github.

NOTE: You are not allowed to use the DEMO project created in the class.

Project Functionality Requirements:

1. Application must be connected to an SQL database.
2. Login and Signup Functionality should work with the help of SQL DB. You must store the user's credentials and verify whenever the user tries to login to the application.
3. Apart from the Authentication flow, the application must do all the CRUD operations at least once in the application workflow.
For example: If its a "To-Do List App":
 - a. Must be able to add a task
 - b. Delete a task
 - c. Edit a task
 - d. Read tasks from DB
4. Once a user Disconnects/Sign-out of the application, redirect back to the login screen.
5. Be creative and enjoy!

MARKING SCHEME

- [40%] *CRUD: Application* must be able to create, read, update and delete from database.
- [30%] *Application flow*: Overall application workflow and functionality.
- [15%] *Code Cleanliness*: Your code structure and overall readability.
- [15%] *Styling*: Using basic styling to make your application user-friendly.

QUESTIONS

If you are having difficulties understanding any aspect of this project, feel free to contact your instructor (pranav.bhatia@concordia.ca) or start a discussion on Moodle. It is strongly recommended that you attend the tutorial sessions, as various aspects of the project will be covered there.