

We'll use GitHub to share our code and IntelliJ as the programming language

Phase one: The goal is to get the Login and Registration page working, as shown:

The image shows two wireframes side-by-side. The left wireframe is titled 'Login page' and contains a 'Username:' label with a text input field, a 'Password:' label with a text input field, and a blue button labeled 'Register Account'. The right wireframe is titled 'Registration page' and contains a 'Username:' label with a text input field, a 'Password:' label with a text input field, a 'Re-type password:' label with a text input field, a blue 'Submit' button, and a blue 'BackToLogin' button. Below the buttons, there is a placeholder for a system message: '<System message displayed here>' followed by an example: 'For example, "Registration failed. Username already in use"'.

Here are the tasks needed to fulfill this requirement:

Write code for an MVC pattern to serve pages:

- 1) Model will be responsible for modifying data (username and password)
- 2) View will be responsible for the GUI components (Display the login and registration page)
- 3) Controller will communicate between View and Model

Note, here is an example of code for an MVC pattern:

<https://www.geeksforgeeks.org/mvc-design-pattern/>

4) Use MySQL to maintain info in the database. Info maintained will be determined by info in the Model.

5) Put it all together and deploy to a cloud provider (e.g. Amazon or GCP)

After completing phase one, the following should work:

- Display the login and registration page
- Users (at least 2) should be able to register and have their info stored on the database
- Users (at least 2) should be able to log in by verifying the info in the database