

# Login Project

Developed by: Connor Richter  
HCL America Inc

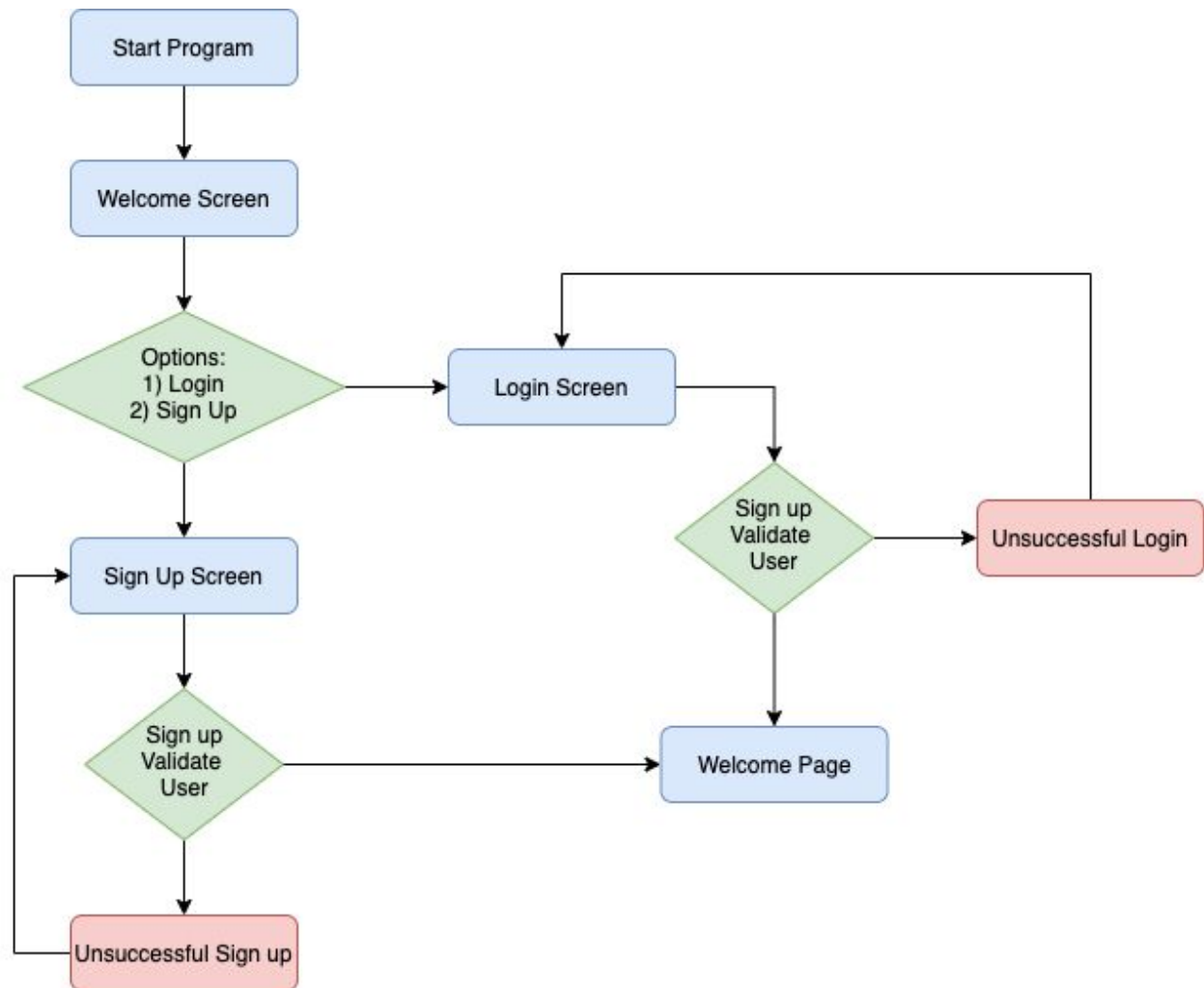
## **Project Description**

Create a sample login and registration application using JSP-Servlets and hibernate.

## **Requirements**

- The source code should be pushed to your GitHub repository. You need to document the steps and write the algorithms in it.
- The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository. You can add a section in your document.
- Document the step-by-step process starting from sprint planning to the product release.
- Application should not close, exit, or throw an exception if the user specifies an invalid input.
- You need to submit the final specification document which includes:
  - Project and developer details
  - Sprints planned and the tasks achieved in them
  - Algorithms and flowcharts of the application
  - Core concepts used in the project
  - Links to the GitHub repository to verify the project completion
  - Your conclusion on enhancing the application and defining the USPs (Unique Selling Points)

## **Planning Section**



Sprint 1:

- Build welcome screen
- Show option to sign up or login
- Build sign up form
- Implement function to create a new user

Sprint 2:

- Build login form
- Implement function to login a user
- Build success screen

Sprint 3:

- Build validation of new user
- Build validation of user login

## Future plans

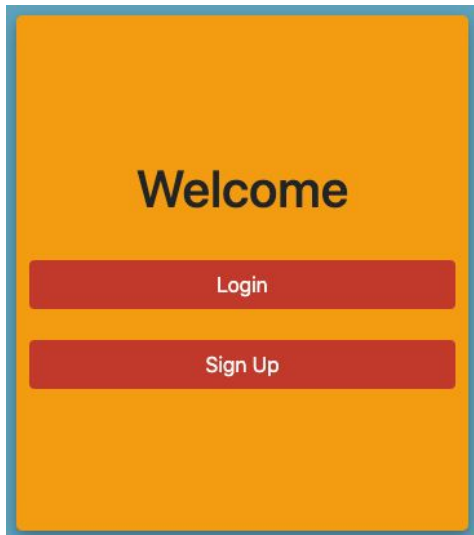
- Implement option for user to update username and password
- Refactor code to use JWT webtokens for login
- Implement option for user to delete profile

## Technologies Used

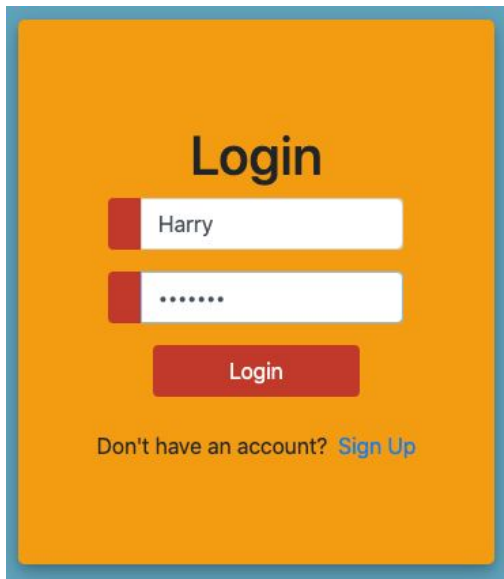
- Eclipse/IntelliJ: An IDE to code for the application
- Java: A programming language to develop the prototype
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions
- Scrum: An efficient agile framework to deliver the product incrementally
- Specification document: Any open-source document or Google Docs

## Examples

Welcome page



Login Page

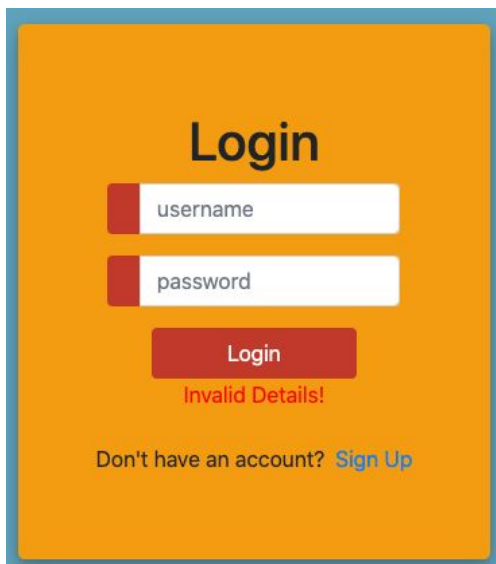


A login form on an orange background with a blue border. The title "Login" is centered at the top. Below it are two input fields: the first contains the text "Harry" and the second contains seven dots. A red "Login" button is positioned below the password field. At the bottom, the text "Don't have an account?" is followed by a blue "Sign Up" link.

## Login

Don't have an account? [Sign Up](#)

Login Error



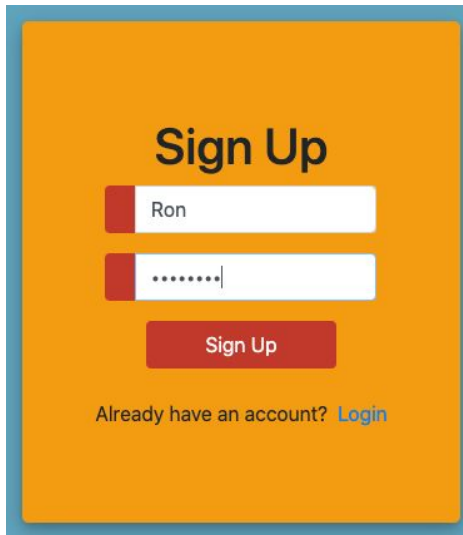
A login form on an orange background with a blue border, showing an error state. The title "Login" is centered at the top. Below it are two input fields: the first contains the placeholder text "username" and the second contains the placeholder text "password". A red "Login" button is positioned below the password field. Below the button, the text "Invalid Details!" is displayed in red. At the bottom, the text "Don't have an account?" is followed by a blue "Sign Up" link.

## Login

Invalid Details!

Don't have an account? [Sign Up](#)

Sign Up Page

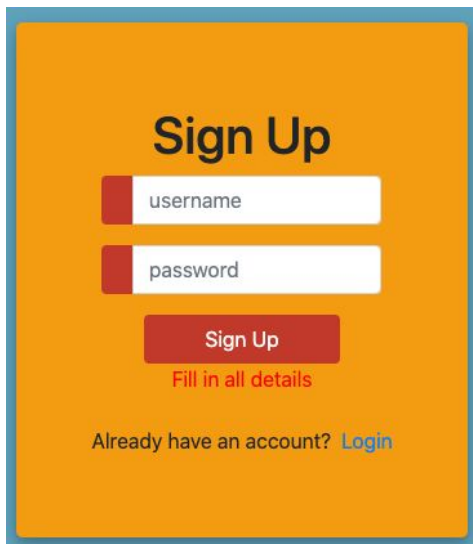


A sign-up form on an orange background. The title "Sign Up" is at the top. Below it are two input fields: the first contains "Ron" and the second contains seven dots. A red "Sign Up" button is below the fields. At the bottom, it says "Already have an account? [Login](#)".

## Sign Up

Already have an account? [Login](#)

Sign Up Error



A sign-up form on an orange background. The title "Sign Up" is at the top. Below it are two input fields: the first contains "username" and the second contains "password". A red "Sign Up" button is below the fields. Below the button is a red error message "Fill in all details". At the bottom, it says "Already have an account? [Login](#)".

## Sign Up

Fill in all details

Already have an account? [Login](#)

Success Page

## Welcome

Username: Harry

Password: potter1