

Login & Registration Application

Create a Spring MVC application with Login and Registration facilities. The following are the details of the application.

Home Page Details

The home page contains a facility to Register/Login to the application

Registration Page Details

Create a Registration form with the following fields.

- username
- password
- employee number and
- email address

The following are the **server side validations** that are to be performed on those fields.

1. All the fields are mandatory
2. The employee id should have a single alphabet followed by exactly 4 digits.
3. The password should be exactly 6 characters length, it can have alphanumeric characters and special characters like # and \$. No other special characters are allowed.

The registered details need to be stored in a database. Use appropriate JavaBean and table design in the backend.

Login Page Details

- The Login Page should provide a form where the user can specify a username and password. On clicking the submit button, the data should be checked against the values in the database and if he is a valid user, he should be directed to a Welcome Page where the user is welcomed with a welcome message. [eg: Welcome John – if John is the user name]
- If the Login was not successful, then a detailed error message should be displayed to the user. The following are some of the reasons that the Login has failed.
 1. There was no username/password provided

2. There is no such user in the system
 3. The combination of username/password is wrong.
- Make sure that the Welcome Page cannot be accessed directly. If someone tries to access the Welcome.jsp page directly without logging in, he should then be redirected to the Login page automatically.

[Hint: Use Session handling]

- The next feature that the application should have is, if a user has already logged in, and if another attempt is made to login with the same id, then he should get a message that “Sorry, you have already logged in”

[Hint: Use Session handling]

- Perform Client Side validation for the Login Page
 - Both username and Password cannot be empty
 - The password should be exactly 6 characters length, it can have alphanumeric characters and special characters like # and \$. No other special characters are allowed.