Searching for a Specific User and Updating the User Information

Writeup

Project objective:

Create a Spring MVC web application that will retrieve users based on their user ID. The retrieved user data will then be edited in a form and updated in the database. The entire database processing has to be done using Hibernate. Front pages will be made in JSP

Software used:

* SpringToolSuite
* Tomcat Server
* MySQL

Steps:

Step 1: Create Maven project with group id-Maven and Artifact id-SpecificUser and selecting Internal-webapp option

Step 2: Configuring pom.xml with necessary dependencies and add servlet.jar to the project

Step 3: Create index.jsp page to extract the user id from the user

Step 4: Config.java, Initializer.java, InsertController.java and spring.xml – these are the files used to perform CRUD operations. spring.xml => connects with the database

Step 5: From InsertController.java, it is moved to display.java which displays update button and also displays the user’s data for the given id

Step 6: User.java and UserDAO.java are accessed to retrieve the data for given id

Step 7: When Update data button is clicked, it is redirected to update.java which prompts the user to enter id, name, email

Step 8: When the details are entered and Insert data button is pressed, it is redirected to insert.java

Step 9: In insert.java, the details entered by the user is stored in the database through User.java

Step 10: When the process is completed, updated message is displayed in the webpage