**WRITE UP:**

**Searching for a Specific User and Updating the User Information.**

**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.

**Background of the problem statement:**

As a part of developing an ecommerce web application, the admin backend requires a module that can retrieve users based on their user ID and update their information as required.

Required tools:

● Eclipse as the IDE  
● Apache Tomcat as the web server  
● Spring MVC with Hibernate, log4j, and MySQL Connector

 Procedure:

● Created a JSP page to take in a user ID.  
● Created a controller that will validate the user ID. If it is invalid, it will display a JSP page with an error message. If it is valid, it will retrieve user details from the database and show an edit form in JSP.  
● Once the edit form is submitted, the controller will update the details in the database. A confirmation JSP page will be shown.  
● Followed the standard methodology for creating controllers, services, dao, and entity classes.