

## **Retrieving the Product Details Using the Product ID**

### DESCRIPTION

#### **Project objective:**

Create a servlet-based application that shows a form to enter a product ID. The product ID is then validated, and product details are retrieved from the database and displayed to the user. You need to create a product table in MySQL and prepopulate it with data. Use JDBC to do all database processing.

#### **Background of the problem statement:**

As a part of developing an e-commerce web application, the admin backend requires a module that can retrieve product information based on the product ID.

#### **You must use the following:**

- Eclipse as the IDE
- Apache Tomcat as the web server
- MySQL Connector for JDBC functionality

#### **Following requirements should be met:**

- Create an HTML page to take in a product ID
- Set up JDBC to work with the application
- Create a servlet that will take the product ID and use JDBC to query the database for the product

- If the product is found, the servlet will display the product details, otherwise it will show an error message.
- Document the step-by-step process involved in completing this task.

**Steps:-**

In this project we are going to take the input from the webpage and validate whether the user given details are correct or incorrect

Step 1:- Here we have developed the code in java servlet for the login details.

Step 2:- Make the URL mapping in between servlet and html code.

Step 3:- Developed the html code to take the input and verify and validation.