Description Of Project

In this project we will be creating an basic web application with the help of servlets, java and JDBC connectivity knowledge .

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.

Algorithm/Steps:

1. Retrieve product ID from request parameters.
2. Validate product ID.
3. Establish a JDBC connection to the MySQL database.
4. Prepare an SQL statement to retrieve product details.
5. Execute the SQL query using a prepared statement.
6. Retrieve the result set from the executed query.
7. If the result set contains data:
    - Iterate over the rows and retrieve product details.
    - Generate the HTML response with the product details.
8. If the result set is empty:
    - Generate the HTML response indicating that the product was not found.
9. Send the HTML response back to the client.
10. Close the result set, prepared statement, and database connection.