Phase-2 Practice Project

Retrieving the Product Details Using the Product ID

ALGORITHM:

- When the user submits the form in the HTML page (index.html), it sends a GET request to the ProductDetails servlet.
- In the doGet method of the ProductDetails servlet, it retrieves the product ID parameter from the request (ID).
- The servlet loads the MySQL database configuration from the config.properties file using an input stream .
- An instance of the DBConnection class is created, passing the database URL, username, and password from the properties file.
- This establishes a connection to the MySQL database.
- A prepared statement is prepared with a SELECT query to retrieve the product details from the eproduct table based on the provided ID. The query result is executed, and the retrieved data is displayed in an HTML table format using the PrintWriter object.
- The servlet catches any ClassNotFoundException or SQLException that may occur during the database connection and query execution and prints the stack trace.
- The doPost method is also implemented, but it simply calls the doGet method to handle POST requests in the same way as GET requests.