Retrieving the Product Details Using the Product ID

Explanation:

The provided code is a simple web application that allows users to retrieve product details based on a product ID.

1. `index.html`: This file contains an HTML form where users can enter a product ID. When the form is submitted, it sends a GET request to the `ProductServlet` to retrieve the product details.

2. `Product` class: This class represents a product object with attributes such as `id`, `name`, and `price`. It also includes getters and setters for these attributes.

3. `ProductServlet`: This servlet class handles the GET request from the HTML form. It establishes a connection to a MySQL database using the provided URL, username, and password. It retrieves the product ID from the request parameters, validates it, and then executes an SQL query to retrieve the corresponding product details from the database.

   If the product is found, it generates an HTML response displaying the product details. If the product is not found, it generates an HTML response indicating that the product was not found.

4. `Config.properties`: This file contains the configuration details for the database connection, including the URL, username, and password.

5. `web.xml`: This XML file is a deployment descriptor for the web application. It maps the `ProductServlet` to the `/ProductServlet` URL pattern.

6. SQL Queries: These are the SQL queries used to create the database table and insert sample product data.

In summary, the code sets up a web application that allows users to retrieve product details by entering a product ID. The `ProductServlet` handles the request, connects to a MySQL database, retrieves the product details based on the provided ID, and generates an HTML response to display the product information.