Product Details Portal

`Product.java[class]`

```java
package com.simpli;

public class Product {
    private int id;
    private String name;
    private double price;

    public Product() {
    }

    public Product(int id, String name, double price) {
        this.id = id;
        this.name = name;
        this.price = price;
    }

    // Getter and setter methods for the attributes
    public int getId() {
        return id;
    }

    public void setId(int id) {
        this.id = id;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public double getPrice() {
        return price;
    }

    public void setPrice(double price) {
        this.price = price;
    }

    @Override
    public String toString() {
        return "Product{" +
                "id=" + id +
                ", name='" + name + '\'' +
                ", price=" + price +
                '}';
    }
}
```

`ProductServlet[servlet]`

```java
package com.simpli;
```

```java
import java.io.IOException;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;




import com.simpli.Product;

public class ProductServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
        // Retrieve form data
        int id = Integer.parseInt(request.getParameter("id"));
        String name = request.getParameter("name");
        double price = Double.parseDouble(request.getParameter("price"));

        // Create Product object
        Product product = new Product(id, name, price);

        // Store Product object in session
        HttpSession session = request.getSession();
        session.setAttribute("product", product);

        // Redirect to product display page
        response.sendRedirect("ProductDisplay.jsp");
    }
}
```

ProductDisplay.jsp

```html
<!DOCTYPE html>
<html>
<head>
    <title>Product Display</title>
</head>
<body>
    <h1>Product Details</h1>
    <table>
        <tr>
            <th>ID</th>
            <th>Name</th>
            <th>Price</th>
        </tr>
        <tr>
            <td>${product.id}</td>
            <td>${product.name}</td>
            <td>${product.price}</td>
        </tr>
    </table>
</body>
</html>
```

ProductForm.jsp

```jsp
<!DOCTYPE html>
<html>
<head>
    <title>Product Form</title>
</head>
<body>
    <h1>Product Form</h1>
    <form action="ProductServlet" method="post">
        <label for="id">ID:</label>
        <input type="number" id="id" name="id" required><br><br>

        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required><br><br>

        <label for="price">Price:</label>
        <input type="number" id="price" name="price" step="0.01" required><br><br>

        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

Web.xml

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app version="6.0" xmlns="https://jakarta.ee/xml/ns/jakartaee"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://jakarta.ee/xml/ns/jakartaee
https://jakarta.ee/xml/ns/jakartaee/web-app_6_0.xsd">
  <servlet>
    <description></description>
    <display-name>ProductServlet</display-name>
    <servlet-name>ProductServlet</servlet-name>
    <servlet-class>com.simpli.ProductServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>ProductServlet</servlet-name>
    <url-pattern>/ProductServlet</url-pattern>
  </servlet-mapping>
  <display-name>phase2project4</display-name>
  <welcome-file-list>
    <welcome-file>index.html</welcome-file>
    <welcome-file>index.htm</welcome-file>
    <welcome-file>index.jsp</welcome-file>
    <welcome-file>default.html</welcome-file>
    <welcome-file>default.htm</welcome-file>
    <welcome-file>default.jsp</welcome-file>
  </welcome-file-list>
</web-app>
```