

Source Code: Product Details Portal

productForm.jsp:-

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <form action="AddProductServlet" method="post">
        Product Name: <input type="text" name="productName"><br>
        Product Description: <input type="text"
name="productDescription"><br>
        Product Price: <input type="text" name="productPrice"><br>
        <input type="submit" value="Submit"><br>
        <a href="confirmation.jsp">View Details</a>
    </form>
</body>
</html>
```

confirmation.jsp:-

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@page import="com.entities.Product"%>
<%@page import="java.util.List"%>

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<h1>Product Details</h1>
<%
    List<Product> productList = (List<Product>)
session.getAttribute("productList");
%>

<table border="1">
    <tr>
        <th>Name</th>
        <th>Description</th>
        <th>Price</th>
    </tr>
    <%
        // Loop through the list of products and display each one
        for (Product product : productList) {
    %>
    <tr>
        <td><%= product.getProductName() %></td>
        <td><%= product.getProductDescription() %></td>
```

```

        <td><%= product.getProductPrice() %></td>
    </tr>
    <%
    }
    %>
</table>

<a href="productForm.jsp">Add Another Product</a>
</html>

```

Product.java:-

```

package com.entities;

public class Product {
    private String productName;
    private String productDescription;
    private double productPrice;
    public String getProductName() {
        return productName;
    }
    public void setProductName(String productName) {
        this.productName = productName;
    }
    public String getProductDescription() {
        return productDescription;
    }
    public void setProductDescription(String productDescription) {
        this.productDescription = productDescription;
    }
    public double getProductPrice() {
        return productPrice;
    }
    public void setProductPrice(double productPrice) {
        this.productPrice = productPrice;
    }
}

```

AddProductServlet.java:-

```

package com.servlets;

import java.io.IOException;
import java.util.ArrayList;
import java.util.List;

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.entities.Product;

/**
 * Servlet implementation class AddProductServlet

```

```
*/
public class AddProductServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public AddProductServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request,
    HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse
    response) throws ServletException, IOException {
        String name = request.getParameter("productName");
        String description =
    request.getParameter("productDescription");
        double price =
    Double.parseDouble(request.getParameter("productPrice"));

        // Create a new Product object
        Product product = new Product();
        product.setProductName(name);
        product.setProductDescription(description);
        product.setProductPrice(price);

        // Get the list of products from the session or create a new
    one if it doesn't exist
        HttpSession session = request.getSession();
        List<Product> productList = (List<Product>)
    session.getAttribute("productList");
        if (productList == null) {
            productList = new ArrayList<>();
            session.setAttribute("productList", productList);
        }
        // Add the product to the list
        productList.add(product);

        // Redirect back to the product entry form
        response.sendRedirect("productForm.jsp");
    }
}
```