**Product Details Portal**

DESCRIPTION

Create a servlet-based web application that shows a form to enter product details. Capture the details in a servlet and then display the data that was entered.

**Background of the problem statement:**

As a part of developing an ecommerce web application, you have to prototype a form for adding products into the system entered by the users. There is no database involved here, so

the product is just captured and displayed without storing it anywhere.

**You must use the following:**

* Eclipse as the IDE
* Apache Tomcat as the web server
* JSP pages for the front end
* Servlets for backend processing

Following requirements should be met:

* There will be a Product class to store the details of the product
* The servlet will put the form data into the Product class and store it in the session
* A second JSP will take the product info from the session and display it to the user
* The step-by-step process involved in completing this task should be documented.

**SOURCE CODE**

**App.java**:-

package com.anand.training;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

@WebServlet("/app")

public class App extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

String pId = request.getParameter("productId");

String pName = request.getParameter("productName");

String pPrice = request.getParameter("productPrice");

HttpSession theSession = request.getSession();

theSession.setAttribute("pid", pId);

theSession.setAttribute("pname", pName);

theSession.setAttribute("pprice", pPrice);

response.sendRedirect("display.jsp");

}

}

**Display.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>Display</title>

</head>

<body>

<h1>Displaying the Product Details....</h1>

<hr>

<%= "Product Id : " + session.getAttribute("pid") %> <br> <br>

<%= "Product Name : " + session.getAttribute("pname") %> <br> <br>

<%= "Product Price : " + session.getAttribute("pprice") %>

</body>

</html>

**Form.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>Product Details</title>

</head>

<body>

<h1>Enter Product Details</h1>

<hr>

<form action="app">

<input type="text" name="productId" placeholder="PRODUCT ID"><br>

<input type="text" name="productName" placeholder="PRODUCT NAME"><br>

<input type="text" name="productPrice" placeholder="PRODUCT PRICE"><br>

<input type="submit" value="ENTER">

</form>

</body>

</html>