INVENTORY MANAGEMENT SYSTEM

**index.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Login</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            background: linear-gradient(120deg, #f0f4f8, #007bff);

            margin: 0;

            padding: 0;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

        }

        .container {

            width: 100%;

            max-width: 400px;

            padding: 30px;

            background-color: #fff;

            border-radius: 10px;

            box-shadow: 0 6px 12px rgba(0, 0, 0, 0.1);

            text-align: center;

        }

        h2 {

            margin-bottom: 20px;

            color: #333;

            font-size: 28px;

            font-weight: 600;

        }

        form {

            display: flex;

            flex-direction: column;

            gap: 15px;

        }

        form label {

            margin-bottom: 5px;

            color: #333;

            font-weight: 500;

        }

        form input[type="text"],

        form input[type="password"] {

            padding: 12px;

            border: 1px solid #ccc;

            border-radius: 8px;

            box-sizing: border-box;

            font-size: 16px;

        }

        .button-group {

            display: flex;

            justify-content: center;

        }

        .button-group button {

            padding: 12px 25px;

            background-color: #007bff;

            color: #fff;

            border: none;

            border-radius: 8px;

            cursor: pointer;

            font-size: 16px;

            transition: background-color 0.3s;

        }

        .button-group button:hover {

            background-color: #0056b3;

        }

        .error {

            color: red;

            margin-bottom: 15px;

            display: none;

            font-size: 14px;

            font-weight: 400;

        }

        .forgot-password {

            margin-top: 15px;

            color: #007bff;

            text-decoration: none;

            font-size: 14px;

        }

        .forgot-password:hover {

            text-decoration: underline;

        }

    </style>

</head>

<body>

    <div class="container">

        <h2>Login</h2>

        <!-- Error message -->

        <p class="error" id="errorMessage">Invalid username or password. Please try again.</p>

        <!-- Login form -->

        <form id="loginForm" onsubmit="event.preventDefault(); validateLogin();">

            <label for="username">Username</label>

            <input type="text" id="username" name="username" placeholder="Enter your username">

            <label for="password">Password</label>

            <input type="password" id="password" name="password" placeholder="Enter your password">

            <div class="button-group">

                <button type="submit">Login</button>

            </div>

        </form>

    </div>

    <script>

        function validateLogin() {

            const username = document.getElementById("username").value;

            const password = document.getElementById("password").value;

            const errorMessage = document.getElementById("errorMessage");

            // Dummy data for demonstration

            const correctUsername = "admin";

            const correctPassword = "password123";

            // Basic validation

            if (username === "" || password === "") {

                errorMessage.innerText = "Please fill out all fields.";

                errorMessage.style.display = "block";

            } else if (username !== correctUsername) {

                errorMessage.innerText = "Invalid username.";

                errorMessage.style.display = "block";

            } else if (password !== correctPassword) {

                errorMessage.innerText = "Incorrect password.";

                errorMessage.style.display = "block";

            } else {

                errorMessage.style.display = "none";

                // Simulate successful login (here you would handle server-side validation)

                alert("Login successful!");

                window.location.href = "login.html";  // Redirect to the dashboard or another page

            }

        }

    </script>

</body>

</html>

**login.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Inventory Management System</title>

<link rel="stylesheet" href="Style.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

</head>

<body>

<header>

     <div class="container">

         <div class="logo">

             <h1>Inventory Management System</h1>

         </div>

         <nav>

             <ul>

                 <li><a href="products.html">Products</a></li>

                 <li><a href="category.html">Categories</a></li>

                 <li><a href="supplier.html">Suppliers</a></li>

                        <li><a href="dashboard.jsp">Dashboard</a></li>

             </ul>

         </nav>

         <div class="user-info">

             <span>Welcome, <strong>Admin</strong></span>

             <a href="logout.html" class="logout-btn">Logout</a>

         </div>

     </div>

</header>

<main>

     <div class="container">

         <section class="dashboard">

             <div class="card">

                 <div class="card-icon">

                     <i class="fas fa-box"></i>

                 </div>

                 <div class="card-content">

                     <h2>Total Products</h2>

                     <p>50</p>

                 </div>

             </div>

             <div class="card">

                 <div class="card-icon">

                     <i class="fas fa-tags"></i>

                 </div>

                 <div class="card-content">

                     <h2>Total Categories</h2>

                     <p>5</p>

                 </div>

             </div>

             <div class="card">

                 <div class="card-icon">

                     <i class="fas fa-truck"></i>

                 </div>

                 <div class="card-content">

                     <h2>Suppliers</h2>

                     <p>10</p>

                 </div>

             </div>

             </div>

         </section>

         <section class="recent-activity">

             <h2>Recent Activity</h2>

             <table>

                 <thead>

                     <tr>

                         <th>Date</th>

                         <th>Activity</th>

                         <th>Details</th>

                     </tr>

                 </thead>

                 <tbody>

                     <tr>

                         <td>2024-09-01</td>

                         <td>Added New Product</td>

                         <td>Product XYZ added to inventory.</td>

                     </tr>

                     <tr>

                         <td>2024-09-02</td>

                         <td>Updated Stock</td>

                         <td>Stock updated for Product ABC.</td>

                     </tr>

                     <tr>

                         <td>2024-09-03</td>

                         <td>Removed Product</td>

                         <td>Product DEF removed from inventory.</td>

                     </tr>

                 </tbody>

             </table>

         </section>

     </div>

</main>

<footer>

     <div class="container">

         <p>&copy; 2024 Inventory Management. All Rights Reserved.</p>

     </div>

</footer>

</body>

</html>

**products.html**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Product Management</title>

<style>

     body, html {

         margin: 0;

         padding: 0;

         font-family: Arial, sans-serif;

         background-color: #f0f4f8;

     }

     header {

         background: linear-gradient(90deg, #007bff, #00bcd4);

         color: #fff;

         padding: 10px 20px;

         display: flex;

         justify-content: space-between;

         align-items: center;

         box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

     }

     header .logo h1 {

         margin: 0;

         font-size: 24px;

     }

     header nav ul {

         list-style: none;

         padding: 0;

         margin: 0;

         display: flex;

     }

     header nav ul li {

         margin: 0 15px;

     }

     header nav ul li a {

         color: #fff;

         text-decoration: none;

     }

     header nav ul li a:hover {

         text-decoration: underline;

     }

     header .user-info {

         display: flex;

         align-items: center;

     }

     header .user-info span {

         margin-right: 20px;

     }

     header .logout-btn {

         background: #ff4d4d;

         color: #fff;

         padding: 8px 12px;

         border-radius: 5px;

         text-decoration: none;

     }

     header .logout-btn:hover {

         background: #e60000;

     }

     main {

         padding: 20px;

     }

     .container {

         width: 90%;

         max-width: 1200px;

         margin: 0 auto;

     }

     h2 {

         text-align: center;

         color: #333;

         margin-bottom: 20px;

     }

     form {

         background-color: #fff;

         padding: 20px;

         border-radius: 8px;

         box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

         margin-bottom: 30px;

     }

     form label {

         display: block;

         margin-bottom: 5px;

         color: #333;

     }

     form input[type="text"],

     form input[type="number"],

     form select {

         width: 100%;

         padding: 10px;

         margin-bottom: 15px;

         border: 1px solid #ccc;

         border-radius: 5px;

         box-sizing: border-box;

     }

     .button-group {

         display: flex;

         justify-content: space-between;

     }

     .button-group button {

         padding: 10px 20px;

         background-color: #007bff;

         color: white;

         border: none;

         border-radius: 5px;

         cursor: pointer;

     }

     .button-group button:hover {

         background-color: #0056b3;

     }

     footer {

         background: #333;

         color: #fff;

         padding: 10px 0;

         text-align: center;

     }

</style>

</head>

<body>

<header>

     <div class="container">

         <div class="logo">

             <h1>Inventory Management System</h1>

         </div>

         <nav>

             <ul>

                 <li><a href="products.html">Products</a></li>

                 <li><a href="category.html">Categories</a></li>

                 <li><a href="supplier.html">Suppliers</a></li>

                        <li><a href="dashboard.jsp">Dashboard</a></li>

             </ul>

         </nav>

         <div class="user-info">

             <span>Welcome, <strong>Admin</strong></span>

             <a href="logout.html" class="logout-btn">Logout</a>

         </div>

     </div>

</header>

<main>

     <div class="container">

         <h2>Product Management</h2>

         <form id="productForm" method="POST" action="products\_details.jsp">

             <label for="productId">Product ID</label>

             <input type="text" id="productId" name="productId" placeholder="Enter Product ID" required>

             <label for="productName">Product Name</label>

             <input type="text" id="productName" name="productName" placeholder="Enter Product Name" required>

             <label for="productQuantity">Product Quantity</label>

             <input type="number" id="productQuantity" name="productQuantity" min="1" placeholder="Enter Quantity" required>

             <label for="brand">Brand</label>

             <input type="text" id="brand" name="brand" placeholder="Enter Brand" required>

             <label for="productCategory">Product Category</label>

             <select id="productCategory" name="productCategory">

                 <option value="Electronics">Electronics</option>

                 <option value="Footwear">Footwear</option>

                 <option value="Clothing">Clothing</option>

                 <option value="Accessories">Accessories</option>

             </select>

             <div class="button-group">

                 <button type="submit" name="insert">Insert</button>

                 <button type="submit" name="update">Update</button>

                 <button type="submit" name="delete">Delete</button>

                 <button type="submit" name="view">View</button>

             </div>

         </form>

     </div>

</main>

<footer>

     <div class="container">

         <p>&copy; 2024 Inventory Management. All Rights Reserved.</p>

     </div>

</footer>

</body>

</html>

**products\_details.jsp**

<%@page import="java.util.List"%>

<%@page contentType="text/html" pageEncoding="UTF-8" import="org.hibernate.\*,org.hibernate.cfg.\*"%>

<%@page import="p1.Products"%>

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

        <title></title>

    </head>

    <body>

        <%

            SessionFactory sf=new Configuration().configure().buildSessionFactory();

            Session s=sf.openSession();

            Transaction t=s.beginTransaction();

            if(request.getParameter("insert")!=null)

            {

                int id=Integer.parseInt(request.getParameter("productId"));

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

            String pq=request.getParameter("productQuantity");

            String b=request.getParameter("brand");

            String pc=request.getParameter("productCategory");

            Products p1=new Products();

            p1.setP\_id(id);

            p1.setP\_name(pn);

            p1.setP\_quantity(pq);

            p1.setP\_brand(b);

            p1.setP\_category(pc);

            s.persist(p1);

            t.commit();

            out.println("Data saved");

            }

            if(request.getParameter("update")!=null)

            {

                int id=Integer.parseInt(request.getParameter("productId"));

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

            String pq=request.getParameter("productQuantity");

            String b=request.getParameter("brand");

            String pc=request.getParameter("productCategory");

            Products p1=(Products)s.get(Products.class,id);

            p1.setP\_name(pn);

            p1.setP\_quantity(pq);

            p1.setP\_brand(b);

            p1.setP\_category(pc);

            s.merge(p1);

            t.commit();

            out.println("Data updated");

            }

            if (request.getParameter("delete")!=null) {

            int id = Integer.parseInt(request.getParameter("productId"));

            Products p1 = (Products) s.get(Products.class, id);

            s.delete(p1);

            t.commit();

            out.println("Data deleted");

            }

    </body>

</html>

**Products.java**

package p1;

import javax.persistence.\*;

@Entity

public class Products {

    @Id

    private int p\_id;

    @Column

    private String p\_name,p\_quantity,p\_brand,p\_category;

    public int getP\_id() {

        return p\_id;

    }

    public void setP\_id(int p\_id) {

        this.p\_id = p\_id;

    }

    public String getP\_name() {

        return p\_name;

    }

    public void setP\_name(String p\_name) {

        this.p\_name = p\_name;

    }

    public String getP\_quantity() {

        return p\_quantity;

    }

    public void setP\_quantity(String p\_quantity) {

        this.p\_quantity = p\_quantity;

    }

    public String getP\_brand() {

        return p\_brand;

    }

    public void setP\_brand(String p\_brand) {

        this.p\_brand = p\_brand;

    }

    public String getP\_category() {

        return p\_category;

    }

    public void setP\_category(String p\_category) {

        this.p\_category = p\_category;

    }

}

**category.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Categories</title>

    <style>

        body, html {

            margin: 0;

            padding: 0;

            font-family: Arial, sans-serif;

            background-color: #f0f4f8;

        }

        header {

            background: linear-gradient(90deg, #007bff, #00bcd4);

            color: #fff;

            padding: 10px 20px;

            display: flex;

            justify-content: space-between;

            align-items: center;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        header .logo h1 {

            margin: 0;

            font-size: 24px;

        }

        header nav ul {

            list-style: none;

            padding: 0;

            margin: 0;

            display: flex;

        }

        header nav ul li {

            margin: 0 15px;

        }

        header nav ul li a {

            color: #fff;

            text-decoration: none;

        }

        header nav ul li a:hover {

            text-decoration: underline;

        }

        header .user-info {

            display: flex;

            align-items: center;

        }

        header .user-info span {

            margin-right: 20px;

        }

        header .logout-btn {

            background: #ff4d4d;

            color: #fff;

            padding: 8px 12px;

            border-radius: 5px;

            text-decoration: none;

        }

        header .logout-btn:hover {

            background: #e60000;

        }

        main {

            padding: 20px;

        }

        .container {

            width: 90%;

            max-width: 1200px;

            margin: 0 auto;

        }

        .content {

            display: flex;

            justify-content: space-between;

        }

        .add-category {

            width: 30%;

            background-color: #fff;

            padding: 20px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        .add-category h3 {

            margin-top: 0;

        }

        .add-category form label {

            display: block;

            margin: 10px 0 5px;

        }

        .add-category form input[type="text"],

        .add-category form button {

            width: 100%;

            padding: 8px;

            margin-bottom: 10px;

            border: 1px solid #ccc;

            border-radius: 4px;

        }

        .add-category form button {

            background-color: #007bff;

            color: white;

            border: none;

            cursor: pointer;

        }

        .add-category form button:hover {

            background-color: #0056b3;

        }

        .category-list {

            width: 65%;

            background-color: #fff;

            padding: 20px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        .category-list table {

            width: 100%;

            border-collapse: collapse;

        }

        .category-list table, th, td {

            border: 1px solid #ccc;

        }

        .category-list th, td {

            padding: 10px;

            text-align: left;

        }

        .category-list th {

            background-color: #007bff;

            color: white;

        }

        footer {

            background: #333;

            color: #fff;

            padding: 10px 0;

            text-align: center;

            margin-top: 20px;

        }

    </style>

</head>

<body>

    <header>

        <div class="container">

            <div class="logo">

                <h1>Inventory Management System</h1>

            </div>

            <nav>

                <ul>

                    <li><a href="products.html">Products</a></li>

                 <li><a href="category.html">Categories</a></li>

                 <li><a href="supplier.html">Suppliers</a></li>

                        <li><a href="dashboard.jsp">Dashboard</a></li>

                </ul>

            </nav>

            <div class="user-info">

                <span>Welcome, <strong>Admin</strong></span>

                <a href="logout.html" class="logout-btn">Logout</a>

            </div>

        </div>

    </header>

    <main>

        <div class="container">

            <h2>Categories</h2>

            <div class="content">

                <div class="add-category">

                    <h3>Add New Category</h3>

                    <form action="category.jsp" method="POST">

                        <label for="category-name">Category ID</label>

                        <input type="text" id="category-id" name="category\_id" required>

                        <label for="category-name">Category Name</label>

                        <input type="text" id="category-name" name="category\_name" >

                        <button type="submit" name="add">Add Category</button>

                        <button type="submit" name="update">Update Category</button>

                        <button type="submit" name="delete">Delete Category</button>

                        <button type="submit" name="view">View Category</button>

                    </form>

                </div>

            </div>

        </div>

    </main>

    <footer>

        <div class="container">

            <p>&copy; 2024 Inventory Management. All Rights Reserved.</p>

        </div>

    </footer>

</body>

</html>

**category.jsp**

<%@page contentType="text/html" pageEncoding="UTF-8" import="org.hibernate.\*,org.hibernate.cfg.\*"%>

<%@page import="p1.Category"%>

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

        <title>Category</title>

    </head>

    <body>

        <%

            SessionFactory sf=new Configuration().configure().buildSessionFactory();

            Session s=sf.openSession();

            Transaction t=s.beginTransaction();

            if(request.getParameter("add")!=null)

            {

                int id=Integer.parseInt(request.getParameter("category\_id"));

                String cn=request.getParameter("category\_name");

            Category c1=new Category();

            c1.setC\_id(id);

            c1.setC\_name(cn);

            s.persist(c1);

            t.commit();

            out.println("Data saved");

            }

            if(request.getParameter("update")!=null)

            {

            int id=Integer.parseInt(request.getParameter("category\_id"));

            String cn=request.getParameter("category\_name");

            Category c1=(Category)s.get(Category.class,id);

            c1.setC\_id(id);

            c1.setC\_name(cn);

            s.merge(c1);

            t.commit();

            out.println("Data updated");

            }

            if (request.getParameter("delete")!=null) {

             int id=Integer.parseInt(request.getParameter("category\_id"));

            Category c1 = (Category) s.get(Category.class, id);

            s.delete(c1);

            t.commit();

            out.println("Data deleted");

            }

%>

    </body>

</html>

**Category.java**

package p1;

import javax.persistence.\*;

@Entity

public class Category {

    @Id

    private int c\_id;

    @Column

    private String c\_name;

    public int getC\_id() {

        return c\_id;

    }

    public void setC\_id(int c\_id) {

        this.c\_id = c\_id;

    }

    public String getC\_name() {

        return c\_name;

    }

    public void setC\_name(String c\_name) {

        this.c\_name = c\_name;

    }

}

**suppliers.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Supplier Management</title>

    <style>

        body, html {

            margin: 0;

            padding: 0;

            font-family: Arial, sans-serif;

            background-color: #f0f4f8;

        }

        header {

            background: linear-gradient(90deg, #007bff, #00bcd4);

            color: #fff;

            padding: 10px 20px;

            display: flex;

            justify-content: space-between;

            align-items: center;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

        }

        header .logo h1 {

            margin: 0;

            font-size: 24px;

        }

        header nav ul {

            list-style: none;

            padding: 0;

            margin: 0;

            display: flex;

        }

        header nav ul li {

            margin: 0 15px;

        }

        header nav ul li a {

            color: #fff;

            text-decoration: none;

        }

        header nav ul li a:hover {

            text-decoration: underline;

        }

        header .user-info {

            display: flex;

            align-items: center;

        }

        header .user-info span {

            margin-right: 20px;

        }

        header .logout-btn {

            background: #ff4d4d;

            color: #fff;

            padding: 8px 12px;

            border-radius: 5px;

            text-decoration: none;

        }

        header .logout-btn:hover {

            background: #e60000;

        }

        main {

            padding: 20px;

        }

        .container {

            width: 90%;

            max-width: 1200px;

            margin: 0 auto;

        }

        h2 {

            text-align: center;

            color: #333;

            margin-bottom: 20px;

        }

        form {

            background-color: #fff;

            padding: 20px;

            border-radius: 8px;

            box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

            margin-bottom: 30px;

        }

        form label {

            display: block;

            margin-bottom: 5px;

            color: #333;

        }

        form input[type="text"],

        form input[type="email"],

        form input[type="tel"] {

            width: 100%;

            padding: 10px;

            margin-bottom: 15px;

            border: 1px solid #ccc;

            border-radius: 5px;

            box-sizing: border-box;

        }

        .button-group {

            display: flex;

            justify-content: space-between;

        }

        .button-group button {

            padding: 10px 20px;

            background-color: #007bff;

            color: white;

            border: none;

            border-radius: 5px;

            cursor: pointer;

        }

        .button-group button:hover {

            background-color: #0056b3;

        }

        footer {

            background: #333;

            color: #fff;

            padding: 10px 0;

            text-align: center;

        }

    </style>

</head>

<body>

    <header>

        <div class="container">

            <div class="logo">

                <h1>Inventory Management System</h1>

            </div>

            <nav>

                <ul>

                    <li><a href="products.html">Products</a></li>

                 <li><a href="category.html">Categories</a></li>

                 <li><a href="supplier.html">Suppliers</a></li>

                        <li><a href="dashboard.jsp">Dashboard</a></li>

                </ul>

            </nav>

            <div class="user-info">

                <span>Welcome, <strong>Admin</strong></span>

                <a href="logout.html" class="logout-btn">Logout</a>

            </div>

        </div>

    </header>

    <main>

        <div class="container">

            <h2>Supplier Management</h2>

            <form id="supplierForm" method="POST" action="supplier.jsp">

               <label for="supplierId">Supplier Id</label>

                <input type="text" id="supplierId" name="supplierId" required>

                <label for="supplierName">Supplier Name</label>

                <input type="text" id="supplierName" name="supplierName" required>

                <label for="supplierEmail">Supplier Email</label>

                <input type="email" id="supplierEmail" name="supplierEmail" required>

                <label for="supplierPhone">Supplier Phone</label>

                <input type="tel" id="supplierPhone" name="supplierPhone" required>

                <div class="button-group">

                    <button type="submit" name="add">Add Supplier</button>

                    <button type="submit" name="update">Update Supplier</button>

                    <button type="submit" name="delete">Delete Supplier</button>

                </div>

            </form>

        </div>

    </main>

    <footer>

        <div class="container">

            <p>&copy; 2024 Inventory Management. All Rights Reserved.</p>

        </div>

    </footer>

</body>

</html>

**supplier.jsp**

<%@page contentType="text/html" pageEncoding="UTF-8" import="org.hibernate.\*,org.hibernate.cfg.\*"%>

<%@page import="p1.Suppliers"%>

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

        <title>Supplier</title>

    </head>

    <body>

        <%

            SessionFactory sf=new Configuration().configure().buildSessionFactory();

            Session s=sf.openSession();

            Transaction t=s.beginTransaction();

            if(request.getParameter("add")!=null)

            {

            int id=Integer.parseInt(request.getParameter("supplierId"));

            String sn=request.getParameter("supplierName");

            String se=request.getParameter("supplierEmail");

            String sp=request.getParameter("supplierPhone");

            Suppliers s1=new Suppliers();

            s1.setS\_id(id);

            s1.setS\_name(sn);

            s1.setS\_email(se);

            s1.setS\_phone(sp);

            s.persist(s1);

            t.commit();

            out.println("Data saved..");

            }

            if(request.getParameter("update")!=null)

            {

            int id=Integer.parseInt(request.getParameter("supplierId"));

            String sn=request.getParameter("supplierName");

            String se=request.getParameter("supplierEmail");

            String sp=request.getParameter("supplierPhone");

            Suppliers s1=(Suppliers)s.get(Suppliers.class,id);

            s1.setS\_id(id);

            s1.setS\_name(sn);

            s1.setS\_email(sn);

            s1.setS\_phone(sp);

            s.merge(s1);

            t.commit();

            out.println("Data updated");

            }

            if (request.getParameter("delete")!=null) {

            int id = Integer.parseInt(request.getParameter("supplierId"));

            Suppliers s1 = (Suppliers) s.get(Suppliers.class, id);

            s.delete(s1);

            t.commit();

            out.println("Data deleted");

            }

            %>

    </body>

</html>

**Suppliers.java**

package p1;

import javax.persistence.\*;

@Entity

public class Suppliers {

    @Id

    private int s\_id;

    @Column

    private String s\_name,s\_email,s\_phone;

    public int getS\_id() {

        return s\_id;

    }

    public void setS\_id(int s\_id) {

        this.s\_id = s\_id;

    }

    public String getS\_name() {

        return s\_name;

    }

    public void setS\_name(String s\_name) {

        this.s\_name = s\_name;

    }

    public String getS\_email() {

        return s\_email;

    }

    public void setS\_email(String s\_email) {

        this.s\_email = s\_email;

    }

    public String getS\_phone() {

        return s\_phone;

    public void setS\_phone(String s\_phone) {

        this.s\_phone = s\_phone;

    }

}

**dashboard.jsp**

<%@page import="p1.Category,p1.Products,p1.Suppliers"%>

<%@page import="org.hibernate.\*, org.hibernate.cfg.\*"%>

<%@page import="java.util.List"%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Dashboard</title>

<style>

     body, html {

         margin: 0;

         padding: 0;

         font-family: Arial, sans-serif;

         background-color: #f0f4f8;

     }

     header {

         background: linear-gradient(90deg, #007bff, #00bcd4);

         color: #fff;

         padding: 10px 20px;

         display: flex;

         justify-content: space-between;

         align-items: center;

         box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);

     }

     header .logo h1 {

         margin: 0;

         font-size: 24px;

     }

     header nav ul {

         list-style: none;

         padding: 0;

         margin: 0;

         display: flex;

     }

     header nav ul li {

         margin: 0 15px;

     }

     header nav ul li a {

         color: #fff;

         text-decoration: none;

     }

     header nav ul li a:hover {

         text-decoration: underline;

     }

     header .user-info {

         display: flex;

         align-items: center;

     }

     header .user-info span {

         margin-right: 20px;

     }

     header .logout-btn {

         background: #ff4d4d;

         color: #fff;

         padding: 8px 12px;

         border-radius: 5px;

         text-decoration: none;

     }

     header .logout-btn:hover {

         background: #e60000;

     }

     main {

         padding: 20px;

     }

     .container {

         width: 90%;

         max-width: 1200px;

         margin: 0 auto;

     }

     table {

         width: 100%;

         border-collapse: collapse;

         margin: 20px 0;

         font-size: 18px;

         text-align: left;

     }

     th, td {

         padding: 12px;

         border-bottom: 1px solid #ddd;

     }

     th {

         background-color: #007bff;

         color: white;

         text-transform: uppercase;

     }

     tr:nth-child(even) {

         background-color: #f2f2f2;

     }

     tr:hover {

         background-color: #ddd;

     }

     td {

         color: #333;

     }

     tbody tr:last-child {

         border-bottom: 2px solid #007bff;

     }

     footer {

         background: #333;

         color: #fff;

         padding: 10px 0;

         text-align: center;

     }

</style>

</head>

<body>

<header>

     <div class="container">

         <div class="logo">

             <h1>Inventory Management</h1>

         </div>

         <nav>

             <ul>

                 <li><a href="products.html">Products</a></li>

                 <li><a href="category.html">Categories</a></li>

                 <li><a href="supplier.html">Suppliers</a></li>

                    <li><a href="dashboard.jsp">Dashboard</a></li>

             </ul>

         </nav>

            <div class="user-info">

                <span>Welcome, <strong>Admin</strong></span>

                <a href="logout.html" class="logout-btn">Logout</a>

            </div>

</div>

</header>

<div class="container">

        <h1>All Products</h1>

        <table border="2">

            <thead>

                <tr>

                    <th>ID</th>

                    <th>Name</th>

                    <th>Quantity</th>

                    <th>Brand</th>

                    <th>Category</th>

                </tr>

            </thead>

            <tbody>

                <%

                    SessionFactory sf = new Configuration().configure().buildSessionFactory();

                    Session s = sf.openSession();

                    List<Products> plist = s.createQuery("FROM Products").list();

                    for (Products p : plist) {

                %>

                <tr>

                    <td><%= p.getP\_id() %></td>

                    <td><%= p.getP\_name() %></td>

                    <td><%= p.getP\_quantity() %></td>

                    <td><%= p.getP\_brand() %></td>

                    <td><%= p.getP\_category() %></td>

                </tr>

                <%

                    }

                %>

            </tbody>

        </table>

    </div>

    <div class="container">

        <h1>All Suppliers</h1>

        <table border="2">

            <thead>

                <tr>

                    <th>ID</th>

                    <th>Name</th>

                    <th>Email</th>

                    <th>Phone</th>

                </tr>

            </thead>

            <tbody>

                <%

                    List<Suppliers> slist = s.createQuery("FROM Suppliers").list();

                    for (Suppliers s1 : slist) {

                %>

                <tr>

                    <td><%= s1.getS\_id() %></td>

                    <td><%= s1.getS\_name() %></td>

                    <td><%= s1.getS\_email() %></td>

                    <td><%= s1.getS\_phone() %></td>

                </tr>

                <%

                    }

                %>

            </tbody>

        </table>

    </div>

    <div class="container">

        <h1>All Categories</h1>

        <table border="2">

            <thead>

                <tr>

                    <th>ID</th>

                    <th>Name</th>

                </tr>

            </thead>

            <tbody>

                <%

                    List<Category> clist = s.createQuery("FROM Category").list();

                    for (Category c : clist) {

                %>

                <tr>

                    <td><%= c.getC\_id() %></td>

                    <td><%= c.getC\_name() %></td>

                </tr>

                <%

                    }

                    s.close();

                    sf.close();

  %>

            </tbody>

        </table>

    </div>

    <footer>

        <div class="container">

            <p>&copy; 2024 Inventory Management. All Rights Reserved.</p>

        </div>

    </footer>

</body>

</html>

**logout.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Logout</title>

    <style>

        body {

            font-family: Arial, sans-serif;

            background: linear-gradient(120deg, #007bff, #00bcd4);

            margin: 0;

            padding: 0;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

        }

        .container {

            width: 100%;

            max-width: 400px;

            padding: 30px;

            background-color: #fff;

            border-radius: 10px;

            box-shadow: 0 6px 12px rgba(0, 0, 0, 0.1);

            text-align: center;

        }

        h2 {

            margin-bottom: 20px;

            color: #333;

            font-size: 24px;

            font-weight: 600;

        }

        p {

            margin-bottom: 20px;

            color: #333;

            font-size: 16px;

        }

        .button-group {

            display: flex;

            justify-content: center;

        }

        .button-group a {

            padding: 12px 25px;

            background-color: #007bff;

            color: #fff;

            text-decoration: none;

            border-radius: 8px;

            font-size: 16px;

            transition: background-color 0.3s;

        }

        .button-group a:hover {

            background-color: #0056b3;

        }

    </style>

</head>

<body>

    <div class="container">

        <h2>Logout Successful</h2>

        <p>You have been successfully logged out. Thank you for using our application.</p>

        <div class="button-group">

            <a href="index.html">Back to Login</a>

        </div>

    </div>

</body>

</html>

hibernate.cfg.xml

<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE hibernate-configuration PUBLIC "-//Hibernate/Hibernate Configuration DTD 3.0//EN" "http://hibernate.sourceforge.net/hibernate-configuration-3.0.dtd">

<hibernate-configuration>

  <session-factory>

       <property name="hbm2ddl.auto">update</property>

    <property name="hibernate.dialect">org.hibernate.dialect.DerbyDialect</property>

    <property name="hibernate.connection.driver\_class">org.apache.derby.jdbc.ClientDriver</property>

    <property name="hibernate.connection.url">jdbc:derby://localhost:1527/Sakshi</property>

    <property name="hibernate.connection.username">app</property>

    <property name="hibernate.connection.password">app</property>

    <mapping class="p1.Products"></mapping>

    <mapping class="p1.Category"></mapping>

    <mapping class="p1.Suppliers"></mapping>

  </session-factory>

</hibernate-configuration>