



LAB 1 REPORT

Submitted By: Daniya Aamir



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Objective

The objective of this lab was to design and implement a multi-page static website for Pine Valley Furniture Company (PVFC) using HTML and CSS. The website simulates an online furniture store including navigation, product browsing, registration, catalog management, and payment pages.

Description and Code of Each File

index.html (Home Page)

This is the landing page of the website. It includes a navigation bar linking to all other pages. It displays the company name and a welcome message and acts as the central navigation hub.

```
<!DOCTYPE html>

<html>

<head>

  <title>PVFC Home</title>

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

</head>

<body>

  <div class="navbar">

    <a href="index.html">Home</a>

    <a href="register.html">Register</a>

    <a href="productSearch.html">Products</a>

    <a href="catalog.html">Catalog</a>

    <a href="payment.html">Payment</a>

  </div>
```

```
<div class="main-content">

  <h1>Pine Valley Furniture Company</h1>

  <p style="text-align: center;">Welcome to our online store. Please navigate using
the menu above.</p>

</div>

</body>

</html>
```

register.html (User Registration Page)

This page allows new users to create an account. It includes a registration form with fields such as Full Name and Email Address using proper input types and required validation.

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Registration</title>

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

</head>

<body>
```

```
<div class="navbar">
  <a href="index.html">Home</a>
</div>
```

```
<div class="page-wrapper">
```

```
  <div class="login-container">
```

```
    <h1>Create Account</h1>
```

```
    <p style="color: #666; font-size: 14px; margin-bottom: 20px;">Join PVFC
today</p>
```

```
    <form action="index.html" style="box-shadow: none; padding: 0; border: none;
display: block;">
```

```
      <div style="text-align: left;">
```

```
        <label>Full Name</label>
```

```
        <input type="text" name="name" required placeholder="Full Name">
```

```
        <label>Email Address</label>
```

```
        <input type="email" name="email" required
placeholder="youremail@example.com">
```

```
        <label>Password</label>
```

```
        <input type="password" name="pass" required placeholder="*****">
```

```
<label>Gender</label>
<select name="gender" style="margin-bottom: 15px;">
  <option value="m">Male</option>
  <option value="f">Female</option>
  <option value="o">Other</option>
</select>
</div>
```

```
<button type="submit">Sign Up</button>
</form>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

productSearch.html (Product Listing Page)

This page displays products with category filters and a search box. Each product card includes product name, finish type, price, and an 'Add to Cart' button that triggers a JavaScript alert.

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>

  <title>Products</title>

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

</head>

<body>

  <div class="navbar">

    <a href="index.html">Home</a>

    <a href="payment.html">Go to Cart</a>

  </div>

  <div class="main-content">

    <div style="text-align: center; padding-bottom: 20px; border-bottom: 1px solid #ccc;">

      <label>Search:</label>

      <input type="text" placeholder="Table, Desk...">

      <button>Go</button>

      <br><br>

      <strong>Category:</strong>

      <button>Natural Ash</button>

      <button>Walnut</button>

      <button>Cherry</button>

    </div>

    <h2>Available Products</h2>
```

```
<div class="product-box">
  <div class="product-img">Img</div>
  <h3>Computer Desk</h3>
  <p>Finish: Cherry</p>
  <p><strong>PKR 25,000</strong></p>
  <button onclick="alert('Added to cart')">Add to Cart</button>
</div>
```

```
<div class="product-box">
  <div class="product-img">Img</div>
  <h3>Coffee Table</h3>
  <p>Finish: Oak</p>
  <p><strong>PKR 15,000</strong></p>
  <button onclick="alert('Added to cart')">Add to Cart</button>
</div>
```

```
<div class="product-box">
  <div class="product-img">Img</div>
  <h3>Dining Table</h3>
  <p>Finish: Walnut</p>
  <p><strong>PKR 45,000</strong></p>
  <button onclick="alert('Added to cart')">Add to Cart</button>
</div>
```

```
</div>
</body>
</html>
```

catalog.html (Admin Panel)

This page simulates inventory management. It displays products in a table format with quantity update buttons (+ / -) and delete options.

```
<!DOCTYPE html>
<html>
<head>
  <title>Admin Panel</title>
  <link rel="stylesheet" href="pvfcstyle.css">
</head>
<body>
  <div class="navbar">
    <a href="index.html">Home</a>
  </div>

  <div class="main-content">
    <h2>Product Update Catalogue</h2>

    <table>
```

```
<tr>
  <th>Product ID</th>
  <th>Name</th>
  <th>Current Qty</th>
  <th>Update</th>
  <th>Action</th>
</tr>
<tr>
  <td>P001</td>
  <td>Computer Desk</td>
  <td>15</td>
  <td>
    <button>+</button> <button>-</button>
  </td>
  <td><button>Delete</button></td>
</tr>
<tr>
  <td>P002</td>
  <td>Coffee Table</td>
  <td>8</td>
  <td>
    <button>+</button> <button>-</button>
  </td>
  <td><button>Delete</button></td>
</tr>
```

```
        </tr>
    </table>

    <br>

    <button style="float: right;">Save Changes</button>

    <br style="clear: both;">

</div>
</body>
</html>
```

payment.html (Payment Page)

This page simulates a checkout process. It includes order summary, payment method selection, card number input, and expiry date fields.

```
<!DOCTYPE html>

<html>

<head>

    <title>Payment</title>

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

</head>

<body>

    <div class="navbar">

        <a href="index.html">Home</a>

    </div>
```

```
<div class="main-content">
```

```
<h2>Payment Provision</h2>
```

```
<div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 20px;">
```

```
<h3>Order Summary</h3>
```

```
<ul>
```

```
<li>Computer Desk (Cherry) - 25,000</li>
```

```
</ul>
```

```
<p><strong>Total: 25,000 PKR</strong></p>
```

```
</div>
```

```
<form>
```

```
<label>Payment Method:</label>
```

```
<select>
```

```
<option>Visa / Master Card</option>
```

```
<option>Cash on Delivery</option>
```

```
</select><br><br>
```

```
<label>Card Number:</label>
```

```
<input type="text" placeholder="xxxx-xxxx-xxxx-xxxx"><br><br>
```

```
<label>Expiry (MM/YY):</label>
```

```
<input type="text" style="width: 80px;">
```

```
<label style="width: 50px; margin-left: 20px;">CVV:</label>
<input type="text" style="width: 50px;"><br><br>

<button type="button" onclick="alert('Order Placed Successfully!')">PAY
NOW</button>

</form>

</div>

</body>

</html>
```

pvcstyle.css (Styling File)

An external stylesheet was used to provide consistent styling across all pages including navigation bar design, content containers, typography, button styling, hover effects, and layout formatting.

```
/* style.css */

body {

    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; /* Clean, modern font
*/

    background-color: #f4f7f6; /* Soft light gray-blue background */

    margin: 0;

    padding: 0;

    color: #333;

    text-align: center;

}
```

```
/* Navigation Menu */
```

```
.navbar {  
    background-color: #2c3e50; /* Dark Blue-Gray */  
    padding: 15px 0;  
    box-shadow: 0 2px 5px rgba(0,0,0,0.1);  
}
```

```
.navbar a {  
    color: white;  
    text-decoration: none;  
    padding: 12px 25px;  
    font-size: 16px;  
    margin: 0 5px;  
    border-radius: 4px;  
    transition: background-color 0.3s; /* Smooth hover effect */  
}
```

```
.navbar a:hover {  
    background-color: #34495e; /* Slightly lighter on hover */  
}
```

```
/* Main Content Box */
```

```
.container {  
    width: 70%;
```

```
margin: 40px auto;

background-color: white;

padding: 30px;

border-radius: 10px; /* Rounded corners */

box-shadow: 0 4px 15px rgba(0,0,0,0.1); /* Soft shadow for depth */

min-height: 500px;

}
```

```
h1, h2, h3 {

color: #2c3e50;

margin-bottom: 25px;

border-bottom: 2px solid #eee; /* Subtle underline */

padding-bottom: 10px;

display: inline-block;

}
```

```
/* Forms */
```

```
form {

display: inline-block;

text-align: left;

background-color: #fff;

padding: 20px 40px;

border: 1px solid #e0e0e0;

border-radius: 8px;
```

```
}
```

```
label {
```

```
    font-weight: 600;
```

```
    color: #555;
```

```
    margin-top: 15px;
```

```
    display: block;
```

```
}
```

```
input, select {
```

```
    width: 100%;
```

```
    max-width: 300px;
```

```
    padding: 10px;
```

```
    margin-top: 5px;
```

```
    border: 1px solid #ccc;
```

```
    border-radius: 5px;
```

```
    font-size: 14px;
```

```
    box-sizing: border-box; /* Fixes padding issues */
```

```
}
```

```
input:focus {
```

```
    border-color: #3498db; /* Blue border when clicking */
```

```
    outline: none;
```

```
}
```

```
/* Buttons */
```

```
button {  
    background-color: #3498db; /* Nice Blue */  
    color: white;  
    border: none;  
    padding: 10px 20px;  
    border-radius: 5px;  
    font-size: 16px;  
    cursor: pointer;  
    margin-top: 15px;  
    transition: background-color 0.3s;  
}
```

```
button:hover {  
    background-color: #2980b9; /* Darker blue on hover */  
}
```

```
/* Secondary Button (for Cancel/Back) */
```

```
button.secondary {  
    background-color: #95a5a6;  
}
```

```
/* Product Cards (For Search Page) */
```

```
.product-grid {  
  display: flex;  
  justify-content: center;  
  gap: 30px;  
  flex-wrap: wrap;  
  margin-top: 20px;  
}
```

```
.card {  
  background: white;  
  border: 1px solid #eee;  
  border-radius: 8px;  
  padding: 20px;  
  width: 220px;  
  text-align: center;  
  box-shadow: 0 2px 5px rgba(0,0,0,0.05);  
  transition: transform 0.2s;  
}
```

```
.card:hover {  
  transform: translateY(-5px); /* Moves up slightly on hover */  
  box-shadow: 0 5px 15px rgba(0,0,0,0.1);  
}
```

```
.card img-placeholder {  
    display: block;  
    height: 120px;  
    background-color: #ecf0f1;  
    margin-bottom: 15px;  
    border-radius: 4px;  
    line-height: 120px;  
    color: #bdc3c7;  
}
```

```
/* Tables */
```

```
table {  
    width: 100%;  
    max-width: 800px;  
    margin: 20px auto;  
    border-collapse: collapse;  
    background: white;  
}
```

```
th, td {  
    padding: 12px 15px;  
    border-bottom: 1px solid #ddd;  
    text-align: center;  
}
```

```
th {  
    background-color: #f8f9fa;  
    font-weight: bold;  
    color: #2c3e50;  
}
```

```
tr:hover {  
    background-color: #f1f1f1;  
}
```

```
/* Add this to the bottom of style.css */
```

```
/* Ensures the body takes up the full screen height */
```

```
body {  
    min-height: 100vh;  
    display: flex;  
    flex-direction: column;  
}
```

```
/* Pushes the footer/bottom down and allows centering */
```

```
.page-wrapper {  
    flex: 1;  
    display: flex;
```

```
justify-content: center; /* Horizontal Center */
align-items: center; /* Vertical Center */
width: 100%;
}

/* Specific styling for the Centered Form Container */
.login-container {
  background: white;
  padding: 40px;
  border-radius: 10px;
  box-shadow: 0 5px 20px rgba(0,0,0,0.1);
  width: 100%;
  max-width: 400px; /* Limits width so it looks like a nice card */
  text-align: center;
  border: 1px solid #e0e0e0;
}

.login-container h1 {
  margin-top: 0;
  font-size: 24px;
  color: #333;
}

.login-container input {
```

```
width: 100%; /* Full width inside the card */  
margin-bottom: 15px;  
}
```

```
.login-container button {  
width: 100%; /* Full width button */  
padding: 12px;  
font-size: 16px;  
background-color: #3498db;  
color: white;  
border: none;  
border-radius: 5px;  
cursor: pointer;  
}
```

```
.login-container button:hover {  
background-color: #2980b9;  
}
```