

# **PONDICHERRY UNIVERSITY**

**(A Central university)**



## **SCHOOL OF ENGINEERING AND TECHNOLOGY**

### **DEPARTMENT OF COMPUTER SCIENCE**

#### **M.Sc. Computer Science**

NAME : DEVIKA

REG. NO. : 23370018

SEMESTER : 3<sup>RD</sup> SEMESTER

SUBJECT : CSSC 513 - WEB TECHNOLOGY AND COMPUTER NETWORKS LAB

# PONDICHERRY UNIVERSITY

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DEPARTMENT OF COMPUTER SCIENCE

M.Sc. Computer Science

PRACTICAL LAB RECORD

**BONAFIDE CERTIFICATE**

This is to certify that this is a bonafide record of practical work done by **DEVIKA**, having Reg. No. **23370018** semester - III from the month July 2024 to December 2024

**FACULTY IN-CHARGE**

SUBMITTED FOR THE PRACTICAL EXAM HELD ON: \_\_\_\_\_

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

# ONLINE BOOK STORE

## AIM:

To design a web page for online book store

## HOME PAGE

## SOURCE CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Home Page</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

      display: flex;

      flex-direction: column;

      min-height: 100vh;

      background-color: #f4f4f4;

    }

    .header {

      background-color: #333;

      color: white;
```

```
padding: 15px; text-align:
```

```
center;
```

```
}
```

```
.header img {
```

```
    height: 50px;
```

```
}
```

```
.header h1 {
```

```
    margin: 0;
```

```
}
```

```
.nav-bar {
```

```
    margin-top: 10px;
```

```
}
```

```
.nav-bar a {
```

```
    color: white;
```

```
    text-decoration: none;
```

```
    padding: 10px 20px;
```

```
    margin: 0 10px;
```

```
    font-size: 16px;
```

```
}
```

```
.nav-bar a:hover {
```

```
    background-color: #444;
```

```
    border-radius: 4px;
```

```
}
```

```
.content-wrapper {
```

```
    display: flex;
```

```
    flex: 1;
```

```
}
```

```
.sidebar {
```

```
    width: 200px;
    background-color: #eaeaea;
    padding: 20px;
}

.sidebar a {
    display: block;
    padding: 10px;
    margin: 10px 0;
    color: #333;
    text-decoration: none;
    background-color: white;
    border-radius: 4px;
}

.sidebar a:hover {
    background-color: #bbb;
}

.main-content {
    flex: 1;
    padding: 20px;
    background-color: #fff;
} </style>
</head>
<body>
<div class="header">
     <!-- Replace with your logo --><br><br>
    <h1>ONLINE BOOK STORE</h1><br>
    <div class="nav-bar">
        <a href="homepage.html" target="main-content">Home</a>
```

```
<a href="login.html" target="main-content">Login</a>
<a href="registration.html" target="main-content">Registration</a>
<a href="catalogue.html" target="main-content">Catalogue</a>
<a href="cart.html" target="main-content">Cart</a>
</div>
</div>
<div class="content-wrapper">
  <div class="sidebar">
    <a href="cse_catalogue.html" >CSE</a>
    <a href="ece_catalogue.html">ECE</a>
    <a href="eee_catalogue.html">EEE</a>
    <a href="civil_catalogue.html">CIVIL</a>
  </div>
  <div class="main-content" id="main-content">
    <h2 style="font-size: 20px;">Welcome to the Online
Bookstore</h2><br><br>
    <p style="font-size: 30px;">Here you can find various books from different
departments like CSE, ECE, EEE, and CIVIL.<br> Select a department from the left
menu to view the catalogue of books available for that department.</p>
  </div>
</div>
</body>
</html>
```

OUTPUT:

Logo

ONLINE BOOK STORE

HomeLoginRegistrationCatalogueCart

CSE

ECE

EEE

CIVIL

Welcome to the Online Bookstore

Here you can find various books from different departments like CSE, ECE, EEE, and CIVIL. Select a department from the left menu to view the catalogue of books available for that department.

# LOGIN PAGE

## SOURCE CODE : -

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Login Page</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

      background-color: #f4f4f4;

      display: flex;

      flex-direction: column;

      min-height: 100vh;

    }

    .header {

      background-color: #333;

      color: white;

      padding: 15px;

      text-align: center;

    }

    .header img {
```



```
        height: 50px;
    }
    .header h1 {
        margin: 0;
    }
    .nav-bar {
        margin-top: 10px;
    }
    .nav-bar a {
        color: white;
        text-decoration: none;
        padding: 10px 20px;
        margin: 0 10px;
        font-size: 16px;
    }
    .nav-bar a:hover {
        background-color: #444;
        border-radius: 4px;
    }
    .content-wrapper {
        display: flex;
        flex: 1;
    }
    .sidebar {
        width: 200px;
        background-color: #eaeaea;
        padding: 20px;
        height: 100vh; /* Make sidebar full height */
    }
```

```
        box-sizing: border-box;
    }
.sidebar a {
    display: block;
    padding: 10px;
    margin: 10px 0;
    color: #333;
    text-decoration: none;
    background-color: #ffffff;
    border-radius: 4px;
}
.sidebar a:hover {
    background-color: #bbb;
}
.login-form {
    flex: 1;
    padding: 20px;
    background-color: #fff;
    border-radius: 4px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
.login-form h2 {
    margin-top: 0;
}
.login-form label {
    display: block;
    margin: 10px 0 5px;
    font-size: 14px;
```

```
        color: #333;
    }
    .login-form input[type="text"],
    .login-form input[type="password"] {
        width: 100%;
        padding: 10px;
        margin: 5px 0 15px;
        border: 1px solid #ccc;
        border-radius: 4px;
    }
    .login-form button {
        padding: 10px 20px;
        background-color: #4CAF50;
        color: white;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }
    .login-form button:hover {
        background-color: #45a049;
    }
    .login-form input[type="reset"] {
        padding: 10px 20px;
        background-color: #f44336;
        color: white;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }
```

```
}

.login-form input[type="reset"]:hover {
    background-color: #e53935;
}

</style>
</head>
<body>
    <div class="header">
         br<br>
        <h1>ONLINE BOOK STORE</h1><BR>
        <div class="nav-bar">
            <a href="homepage.html" target="main-content">Home</a>
            <a href="login.html" target="main-content">Login</a>
            <a href="registration.html" target="main-content">Registration</a>
            <a href="catalogue.html" target="main-content">Catalogue</a>
            <a href="cart.html" target="main-content">Cart</a>
        </div>
    </div>
    <div class="content-wrapper">
        <div class="sidebar">
            <a href="cse_catalogue.html" >CSE</a>
            <a href="ece_catalogue.html" >ECE</a>
            <a href="eee_catalogue.html" >EEE</a>
            <a href="civil_catalogue.html">CIVIL</a>
        </div>
        <div class="login-form">
            <h2>Login</h2><br>
            <form action="login_process.html" method="POST">
```

```

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

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

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

<input type="password" id="password" name="password" required>

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

<input type="reset" value="Reset">

</form>

</div>

</div>

</body>

</html>

```

## OUTPUT :-

The screenshot shows a web application for an online book store. The header is dark gray with the text 'ONLINE BOOK STORE' in white. Below the header is a navigation bar with links: Home, Login, Registration, Catalogue, and Cart. The 'Login' link is highlighted. On the left side, there is a sidebar with a light gray background containing a list of categories: CSE, ECE, EEE, and CIVIL. The main content area has a white background and is titled 'Login'. It contains two input fields: 'Username:' and 'Password:'. Below these fields are two buttons: a green 'Submit' button and a red 'Reset' button.

# REGISTRATION PAGE

## SOURCE CODE :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Form</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f4f4f4;
    }
    .container {
      max-width: 600px;
      margin: 50px auto;
      background-color: white;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
    h2 {
```

```
text-align: center; color:
#333;
}
label {
    display: block;
    margin-top: 10px;
    color: #333;
}
input[type="text"], input[type="password"], input[type="email"], textarea, select
{
    width: 100%;
    padding: 10px;
    margin-top: 5px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 4px;
}
input[type="radio"], input[type="checkbox"] {
    margin-right: 10px;
}
.button {
    background-color: #4CAF50;
    color: white;
    padding: 12px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
    width: 100%;
}
```

```
.button:hover {  
    background-color: #45a049;  
}  
.form-group {  
    margin-bottom: 15px;  
}  
</style>  
</head>  
<body>  
<div class="container">  
    <h2>Registration Form</h2>  
    <form action="#" method="POST">  
        <div class="form-group">  
            <label for="name">Name</label>  
            <input type="text" id="name" name="name" required>  
        </div>  
        <div class="form-group">  
            <label for="password">Password</label>  
            <input type="password" id="password" name="password" required>  
        </div>  
        <div class="form-group">  
            <label for="email">E-mail ID</label>  
            <input type="email" id="email" name="email" required>  
        </div>  
        <div class="form-group">  
            <label for="phone">Phone Number</label>  
            <input type="text" id="phone" name="phone" required>  
        </div>  
        <div class="form-group">
```



```
<label>Sex</label>
<input type="radio" id="male" name="sex" value="Male" required>
<label for="male">Male</label>
<input type="radio" id="female" name="sex" value="Female">
<label for="female">Female</label>
<input type="radio" id="other" name="sex" value="Other">
<label for="other">Other</label>
</div>
<div class="form-group">
  <label for="dob">Date of Birth</label>
  <select id="day" name="day" required>
    <option value="">Day</option>
    <option value="1">1</option>
    <option value="2">2</option>
    <option value="3">3</option>
    <!-- Add all days up to 31 -->
  </select>
  <select id="month" name="month" required>
    <option value="">Month</option>
    <option value="1">January</option>
    <option value="2">February</option>
    <option value="3">March</option>
  </select>
  <select id="year" name="year" required>
    <option value="">Year</option>
    <!-- Add years -->
    <option value="2000">2000</option>
    <option value="1999">1999</option>
  </select>
```

```
</div>

<div class="form-group">
  <label>Languages Known</label>
  <input type="checkbox" id="english" name="languages" value="English">
  <label for="english">English</label>
  <input type="checkbox" id="telugu" name="languages" value="Telugu">
  <label for="telugu">Telugu</label>
  <input type="checkbox" id="hindi" name="languages" value="Hindi">
  <label for="hindi">Hindi</label>
  <input type="checkbox" id="tamil" name="languages" value="Tamil">
  <label for="tamil">Tamil</label>
</div>

<div class="form-group">
  <label for="address">Address</label>
  <textarea id="address" name="address" rows="4" required></textarea>
</div>

<button type="submit" class="button">Register</button>
</form>
</div>
</body>
</html>
```

## OUTPUT:-

Registration Form

Name

Password

E-mail ID

Phone Number

Sex

☐

Male

☐

Female

☐

Other

☐

Date of Birth

Day

Month

Year

Languages Known

☐

English

☐

Telugu

☐

Hindi

☐

Tamil

☐

Address

Register

# CATALOGUE PAGE

## SOURCE CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Catalogue Page</title>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

      background-color: #f4f4f4;

    }

    .header {

      background-color: #333;

      color: white;

      padding: 15px;

      text-align: center;

    }

    .header img {

      height: 50px; /* Adjust according to your logo size */

    }

    .header h1 {

      margin: 0;

    }

  </style>

</head>

<body>

  <div class="header">

    <img alt="Logo" data-bbox="100 100 200 200" />

    <h1>Catalogue</h1>

  </div>

  <div class="content">

    <div class="row">

      <div class="col">

        <div class="card">

          <img alt="Product Image" data-bbox="100 300 200 400" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

        <div class="card">

          <img alt="Product Image" data-bbox="100 450 200 550" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

      </div>

      <div class="col">

        <div class="card">

          <img alt="Product Image" data-bbox="100 600 200 700" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

        <div class="card">

          <img alt="Product Image" data-bbox="100 750 200 850" />

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

        </div>

      </div>

    </div>

  </div>

  <div class="footer">

    <p>Footer Content</p>

  </div>

</body>

</html>
```

```
.nav-bar {  
    margin-top: 10px;  
}  
  
.nav-bar a {  
    color: white;  
    text-decoration: none;  
    padding: 10px 20px;  
    margin: 0 10px;  
    font-size: 16px;  
}  
  
.nav-bar a:hover {  
    background-color: #444;  
    border-radius: 4px;  
}  
  
.content-wrapper {  
    display: flex;  
    padding: 20px;  
}  
  
.sidebar {  
    width: 200px;  
    background-color: #eaeaea;  
    padding: 20px;  
    height: 100vh;  
    box-sizing: border-box;  
}  
  
.sidebar a {  
    display: block;  
    padding: 10px;  
    margin: 10px 0;
```

```
    color: #333;
    text-decoration: none;
    background-color: #ffffff;
    border-radius: 4px;
}
.sidebar a:hover {
    background-color: #bbb;
}
.catalogue {
    flex: 1;
    padding: 20px;
    background-color: #fff;
    border-radius: 4px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
.catalogue h2 {
    margin-top: 0;
}
table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
}
table, th, td {
    border: 1px solid #ddd;
}
th, td {
    padding: 10px;
    text-align: left;
```

```

    }
    th {
        background-color: #f2f2f2;
    }
    .book-img {
        width: 100px;
        height: 150px;
        object-fit: cover;
    }
    .add-to-cart {
        background-color: #4CAF50;
        color: white;
        border: none;
        padding: 8px 16px;
        cursor: pointer;
        border-radius: 4px;
    }
</style>
</head>
<body>
    <div class="header">
         <br><br>
        <h1>ONLINE BOOK STORE</h1><br>
        <div class="nav-bar">
            <a href="homepage.html" >Home</a>
            <a href="login.html" >Login</a>
            <a href="registration.html">Registration</a>
            <a href="catalogue.html" >Catalogue</a>
            <a href="cart.html">Cart</a>

```

</div>

</div>

<div class="content-wrapper">

<div class="sidebar">

<a href="cse\_catalogue.html" >CSE</a>

<a href="ece\_catalogue.html" >ECE</a>

<a href="eee\_catalogue.html" >EEE</a>

<a href="civil\_catalogue.html">CIVIL</a>

</div>

<div class="catalogue">

<h2>Books Catalogue</h2>

<table>

<thead>

<tr>

<th>Book</th>

<th>Author</th>

<th>Publisher</th>

<th>Price</th>

<th>Action</th>

</tr>

</thead>

<tbody>

<tr>

<td>

<p>XML Bible</p>

</td>

<td>Winston</td>

<td>Wiley</td>

<td>Rs 40.5</td>



```

        <td><button class="add-to-cart">Add to Cart</button></td>
    </tr>
    <tr>
        <td>
            <p>AI</p>
        </td>
        <td>S. Russell</td>
        <td>Princeton Hall</td>
        <td>Rs 63</td>
        <td><button class="add-to-cart">Add to Cart</button></td>
    </tr>
    <tr>
        <td>
            <p>Java 2</p>
        </td>
        <td>Watson</td>
        <td>BPB Publications</td>
        <td>Rs 35.5</td>
        <td><button class="add-to-cart">Add to Cart</button></td>
    </tr>
    <tr>
        <td>
            <p>HTML in 24 Hours</p>
        </td>
        <td>Sam Peter</td>
        <td>Sam Publications</td>
        <td>Rs 50</td>
        <td><button class="add-to-cart">Add to Cart</button></td>
    </tr>

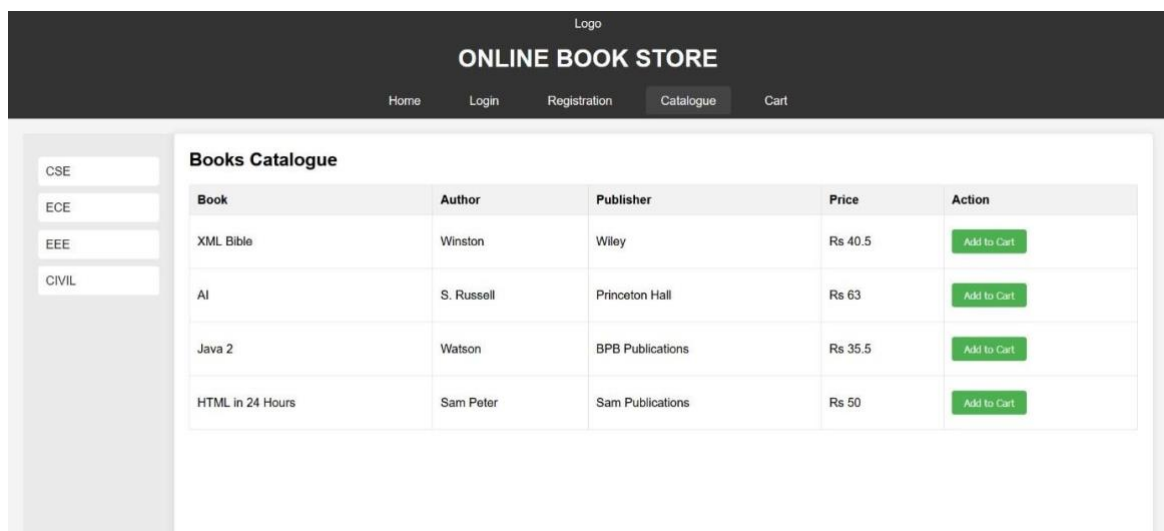
```

```

        </tbody>
    </table>
</div>
</div>
</body>
</html>

```

**OUTPUT : -**



# CART PAGE

## SOURCE CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Cart Page</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f4f4f4;
    }
    .header {
      background-color: #333;
      color: white;
      padding: 10px 20px;
      text-align: center;
    }
    .nav {
      text-align: center;
      margin-top: 10px;
      background-color: #fffafa;
      padding: 10px;
```

```
}  
.nav a {  
    color: rgb(0, 0, 0);  
    text-decoration: none;  
    margin: 0 20px;  
}  
.container {  
    margin: 20px;  
}  
table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 20px;  
}  
table, th, td {  
    border: 1px solid #ccc;  
}  
th, td {  
    padding: 12px;  
    text-align: left;  
}  
th {  
    background-color: #f2f2f2;  
}  
.total {  
    margin-top: 20px;  
    text-align: right;  
    font-size: 18px;  
    font-weight: bold;
```

```
    }
</style>
</head>
<body>

    <div class="header">
         <!-- Replace with your logo -->
        <h1>ONLINE BOOK STORE</h1>
    </div>
    <div class="nav">
        <a href="home.html">Home</a>
        <a href="login.html">Login</a>
        <a href="registration.html">Registration</a>
        <a href="catalogue.html">Catalogue</a>
        <a href="cart.html">Cart</a>
    </div>
    <div class="container">
        <h2>Your Cart</h2>
        <table>
            <thead>
                <tr>
                    <th>Book Name</th>
                    <th>Price</th>
                    <th>Quantity</th>
                    <th>Amount</th>
                </tr>
            </thead>
            <tbody>
                <tr>
```

```
<td>CSE Java</td>
<td>$35.5</td>
<td>2</td>
<td>$70</td>
</tr>
<tr>
<td>ECE XML Bible</td>
<td>$40.5</td>
<td>1</td>
<td>$40.5</td>
</tr>
</tbody>
</table>
<div class="total">
  <p>Total Amount: $110.5</p>
</div>
</div>
</body>
</html>
```

## OUTPUT:-

Logo			
ONLINE BOOK STORE			
Home    Login    Registration    Catalogue    Cart			
Your Cart			
Book Name	Price	Quantity	Amount
CSE Java	\$35.5	2	\$70
ECE XML Bible	\$40.5	1	\$40.5
			Total Amount: \$110.5