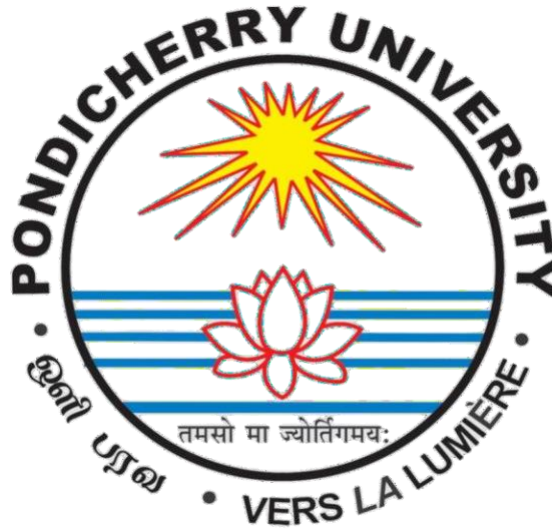


PONDICHERRY UNIVERSITY

(A Central university)



SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE

M.Sc. Computer Science

NAME : FATHIMA RASHEED

REG. NO. : 23370020

SEMESTER : 3RD SEMESTER

SUBJECT : CSSC 513 - WEB TECHNOLOGY AND COMPUTER NETWORKS LAB

PONDICHERRY UNIVERSITY

(A Central university)



SCHOOL OF ENGINEERING AND TECHNOLOGY

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 **FATHIMA RASHEED**, having Reg. No. **23370020** 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;
```

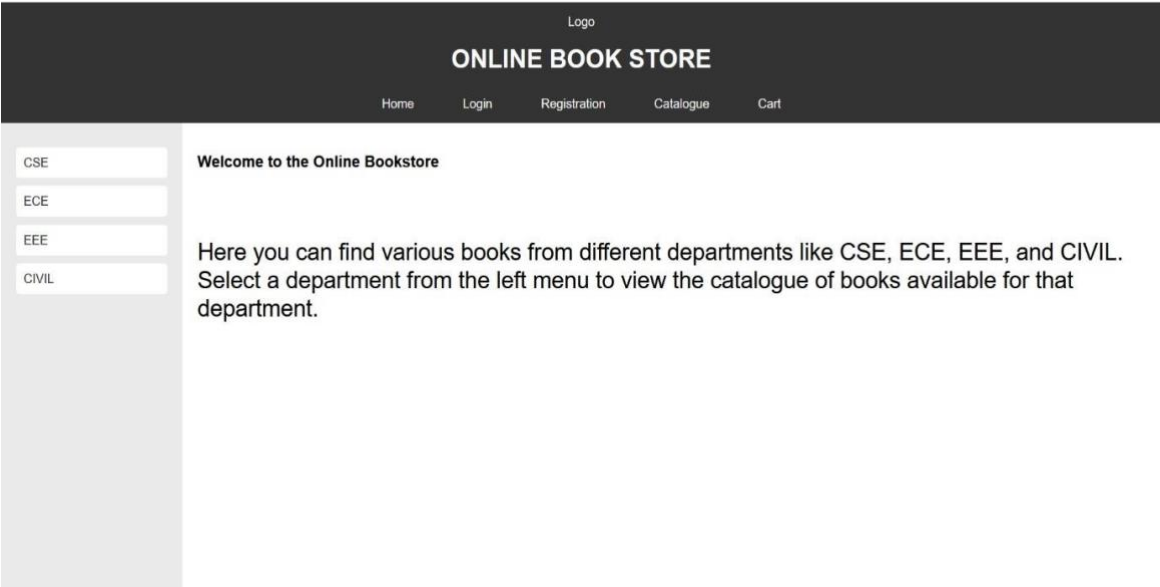
```
}
```

```
.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:



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 the 'Password:' field 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>

          <p>Add to Cart</p>

        </div>

        <div class="card">

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

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

          <p>Add to Cart</p>

        </div>

      </div>

      <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>

          <p>Add to Cart</p>

        </div>

        <div class="card">

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

          <h3>Product Name</h3>

          <p>Description</p>

          <p>Price</p>

          <p>Add to Cart</p>

        </div>

      </div>

    </div>

  </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">

CSE

ECE

EEE

CIVIL

</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>

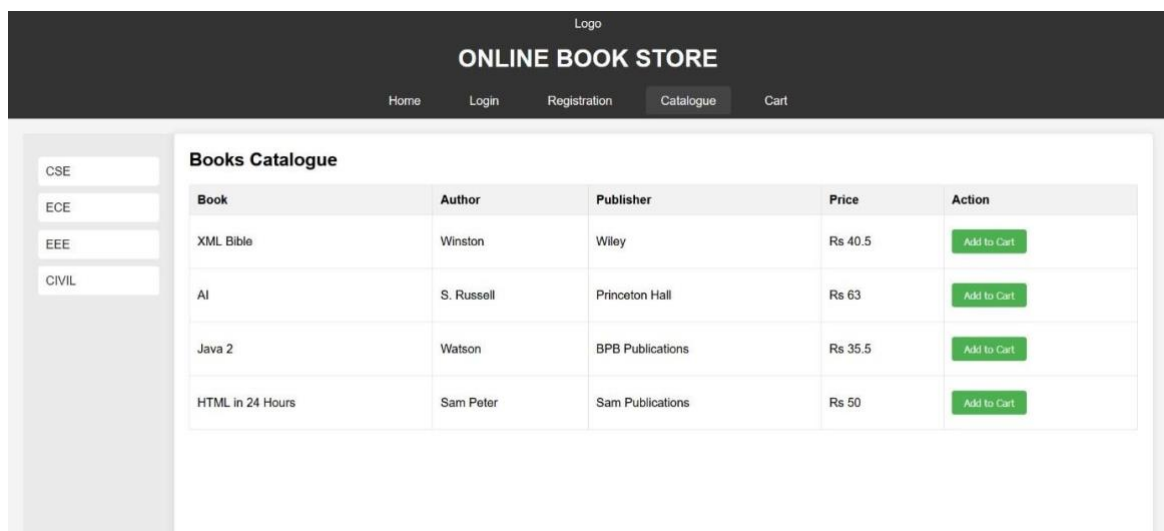

```
<td><button class="add-to-cart">Add to Cart</button></td>
</tr>
<tr>
<td>
<p>AI</p>
</td>
<td>S. Russell</td>
<td>Princeton Hall</td>
<td>Rs 63</td>
<td><button class="add-to-cart">Add to Cart</button></td>
</tr>
<tr>
<td>
<p>Java 2</p>
</td>
<td>Watson</td>
<td>BPB Publications</td>
<td>Rs 35.5</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