Landing Page

Aim:

To Design and Develop a Landing Page using HTML and CSS.

```
<!DOCTYPE html>
<html>
<head>
       <title>MCA</title>
       <style type="text/css">
              header
              {
                     background: #0088CC;
              footer
              {
                     background: #0088CC;
                     font-size: 20px;
                     color: white;
                     font-family: "Poppins", Arial, sans-serif;
              }
              h1
              {
                     color: white;
                     float: right;
                     font-family: "Poppins", Arial, sans-serif;
              .img
              {
                     height: 495px;
              }
              p{
                     font-size: 20px;
       </style>
</head>
<body>
       <header>
              <img src="psna logo.png">
                     <h1>Department of Computer Applications</h1>
       </header><br>
       <center>
              <img src="department image.jpg" class="img"/>
       <img src="college image.jpg" class="img"/><br>
       </center>
       <div>
```

<h2>About Department :</h2>

The PG Programme in Master of Computer Application was introduced in the year 1998. Initially, the sanctioned intake was 30. Subsequently, it was increased to 36, 60, 90 and to 120 during the academic years 1999-2000, 2000-2001, 2005-2006 and 2006-2007 respectively. Now, it is decreased to 60 from the academic year 2020-2021. Since inception the department is consistently producing very good academic performance and placement records.

<h2>Vision :</h2>

To provide world class engineering education for individuals to become technologically superior, socially conscious and responsible citizens for the welfare of mankind.

<h2>Mission :</h2>

- 1. To achieve academic excellence by imparting knowledge and skills through problem solving, practical training and design & development of innovative projects.
- 2. To develop leadership and inter disciplinary team skills through effective communication training and inculcating ethical behavior.

- 3. To carryout applied research in engineering & technology and facilitate lifelong learning.

</div>

<footer>

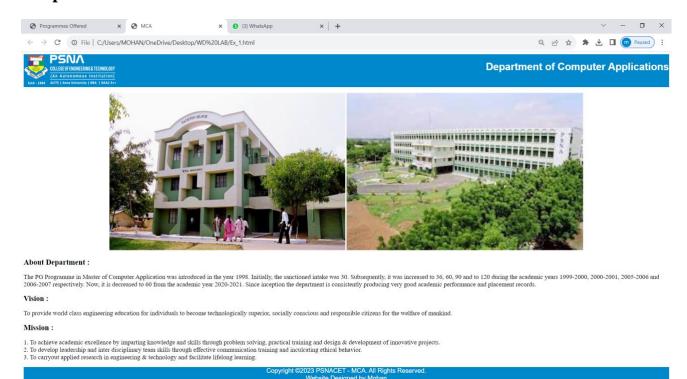
<div align="center">Copyright ©2023 PSNACET - MCA. All Rights
Reserved.</div>

<div align="center">Website Designed by Mohan</div>

</footer>

</body>

</html>



Result:

Admin Dashboard

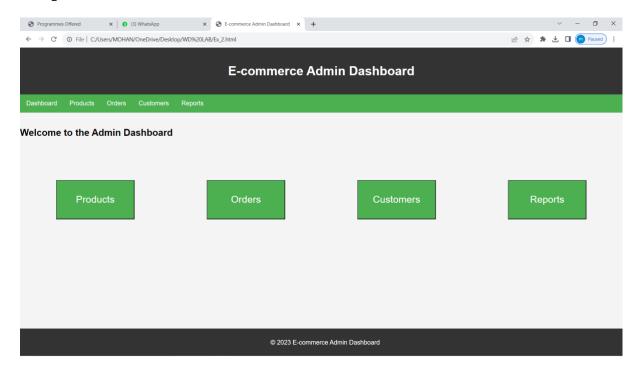
Aim:

To Design and Develop an admin dashboard for an E-commerce website using HTML and CSS.

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>E-commerce Admin Dashboard</title>
  <style>
    body {
       font-family: 'Arial', sans-serif;
       margin: 0;
       padding: 0;
       background-color: #f4f4f4;
    header {
       background-color: #333;
       color: #fff;
       padding: 20px;
       text-align: center;
     }
    nav {
       background-color: #4CAF50;
       overflow: hidden;
     }
    nav a {
       float: left;
       display: block;
       color: #fff;
       text-align: center;
       padding: 14px 16px;
       text-decoration: none;
     }
    nav a:hover {
       background-color: #ddd;
       color: #333;
     }
```

```
footer {
       background-color: #333;
       color: #fff;
       text-align: center;
       padding: 10px;
       position: fixed;
       bottom: 0;
       width: 100%;
    button
       height: 100px;
       width: 200px;
       background:#4CAF50;
       color: white;
       font-size: 25px;
    .button-container {
      display: flex;
      justify-content: space-around;
      margin-top: 50px;
  </style>
</head>
<body>
  <header>
    <h1>E-commerce Admin Dashboard</h1>
  </header>
  <nav>
    <a href="#">Dashboard</a>
    <a href="#">Products</a>
    <a href="#">Orders</a>
    <a href="#">Customers</a>
    <a href="#">Reports</a>
  </nav><br>
    <h2>Welcome to the Admin Dashboard</h2><br><br>
    <div class="button-container">
    <button>Products</button>
    <button>Orders</button>
    <button>Customers</button>
    <button>Reports</button>
  </div>
  <footer>
```

```
© 2023 E-commerce Admin Dashboard
</footer>
</body>
</html>
```



Result:

Event Registration Form

Aim:

To Design and Develop a Event registration form using HTML and CSS.

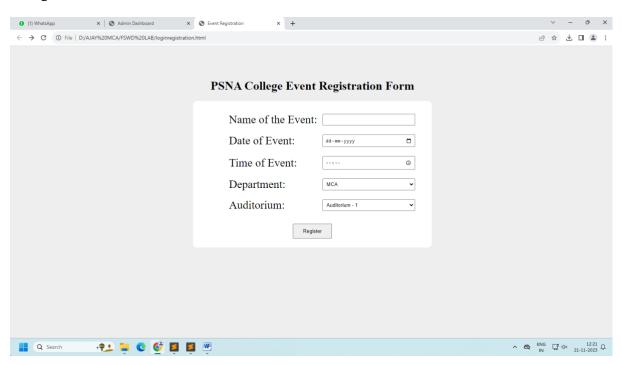
```
<html>
<head>
      <title>Event Registration</title>
      <style type="text/css">
            h1
            {
                  padding-top: 5%;
            }
            table
            {
                  background: white;
                  border-radius: 10px;
            input, select
                  width: 120%;
                  padding: 6px;
                  margin: 10px;
            label
            {
                  font-size: 30px;
            button
                  margin-top: 20px;
                  padding: 10px 25px;
      </style>
</head>
<br/><body bgcolor="#EEEEEE">
<center>
<h1>PSNA College Event Registration Form</h1>
>
<form name="myform">
<label>Name of the Event:
```

```
>
<input type="text" name="username">
<label>Date of Event:</label>
>
<input type="date">
<label>Time of Event:</label>
<input type="time">
>
<label>Department:</label>
<select name="cars" id="cars">
<option value="MCA">MCA</option>
<option value="MBA">MBA</option>
<option value="ECE">ECE</option>
<option value="EEE">EEE</option>
</select>
>
<label>Auditorium:</label>
<select name="cars" id="cars">
<option value="1">Auditorium - 1</option>
<option value="2">Auditorium - 2</option>
<option value="3">Auditorium - 3</option>
<option value="4">Auditorium - 4</option>
</select>
<button type="submit">Register</button>
```

```
</form>

<br/>
<br/>

</tc>
</center>
</body>
</html>
```



Result:

The above program is successfully executed successfully and out is verified.

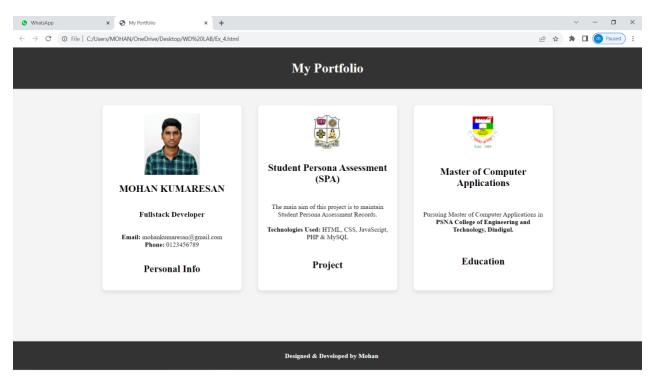
Portfolio

Aim:

To Design and Develop a developer portfolio page and develop the layout using flexbox.

```
<html>
<head>
  <title>My Portfolio</title>
  <style>
     body {
       margin: 0;
       padding: 0;
       background-color: #f4f4f4;
     }
     header {
       background-color: #333;
       color: #fff;
       padding: 10px;
       text-align: center;
     }
     div {
       display: flex;
       flex-wrap: wrap;
       justify-content: center;
       padding: 20px;
     }
     #card {
       margin: 20px;
       padding: 20px;
       background-color: #fff;
       box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
       border-radius: 8px;
       max-width: 300px;
       text-align: center;
     }
     footer {
       background-color: #333;
       color: #fff;
       text-align: center;
       padding: 10px;
       position: fixed;
```

```
bottom: 0;
      width: 100%;
  </style>
</head>
<body>
  <header>
    <h1>My Portfolio</h1>
  </header>
  <div>
    <div id = "card">
      <img src="my image.jpg" alt="MOHAN" height="150">
      <h2>MOHAN KUMARESAN</h2>
      <h3>Fullstack Developer</h3>
      >
            <br/><b>Email: </b>mohankumaresan@gmail.com<br>
            <b>Phone: </b>0123456789<br>
      <h2>Personal Info</h2>
    </div>
    <div id = "card">
      <img src="vc_logo.png" alt="VC Logo" height="90">
      <h2>Student Persona Assessment (SPA)</h2>
      >
            The main aim of this project is to maintain Student Persona Assessment
            Records.<br><br><br><br><br/>
            <h2>Project</h2>
    </div>
    <div id = "card">
      <img src="psna_logo.png" alt="VC Logo" height="90">
      <h2>Master of Computer Applications</h2>
            Pursuing Master of Computer Applications in <b>PSNA College of
      Engineering and Technology, Dindigul.</b>
      <h2>Education</h2>
    </div>
  </div>
  <footer>
    <b>Designed & Developed by Mohan</b>
  </footer>
</body>
</html>
```



Result:

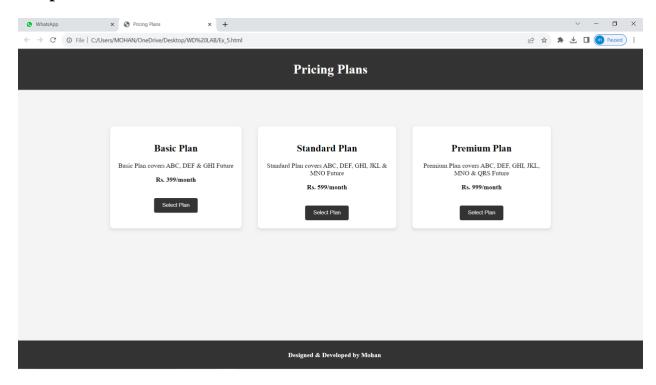
Pricing Card List

Aim:

To Design and Develop a Pricing card list using plain CSS and Flexbox.

```
<html>
<head>
  <title>Pricing Plans</title>
  <style>
    body {
       margin: 0;
       padding: 0;
       background-color: #f4f4f4;
     }
    header {
       background-color: #333;
       color: #fff;
       padding: 10px;
       text-align: center;
    .pricing-container {
       display: flex;
       flex-wrap: wrap;
       justify-content: center;
       padding: 70px;
    #card {
       margin: 20px;
       padding: 20px;
       background-color: #fff;
       box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
       border-radius: 8px;
       max-width: 300px;
       text-align: center;
     }
    #card button {
       margin-top: 20px;
       padding: 10px 20px;
       background-color: #333;
       color: #fff;
       border: none;
       border-radius: 4px;
```

```
cursor: pointer;
    }
    footer {
      background-color: #333;
      color: #fff;
      text-align: center;
      padding: 10px;
      position: fixed;
      bottom: 0;
      width: 100%;
  </style>
</head>
<body>
  <header>
    <h1>Pricing Plans</h1>
  </header>
  <div class="pricing-container">
    <div id="card">
      <h2>Basic Plan</h2>
      Sasic Plan covers ABC, DEF & GHI Future
      <b>Rs. 399/month</b>
      <button>Select Plan</button>
    </div>
    <div id="card">
      <h2>Standard Plan</h2>
      Standard Plan covers ABC, DEF, GHI, JKL & MNO Future
      <b>Rs. 599/month</b>
      <button>Select Plan</button>
    </div>
    <div id="card">
      <h2>Premium Plan</h2>
      Premium Plan covers ABC, DEF, GHI, JKL, MNO & QRS Future
      <b>Rs. 999/month</b>
      <button>Select Plan</button>
    </div>
  </div>
  <footer>
    <b>Designed & Developed by Mohan</b>
  </footer>
</body>
</html>
```



Result:

Register form and validate it using JavaScript

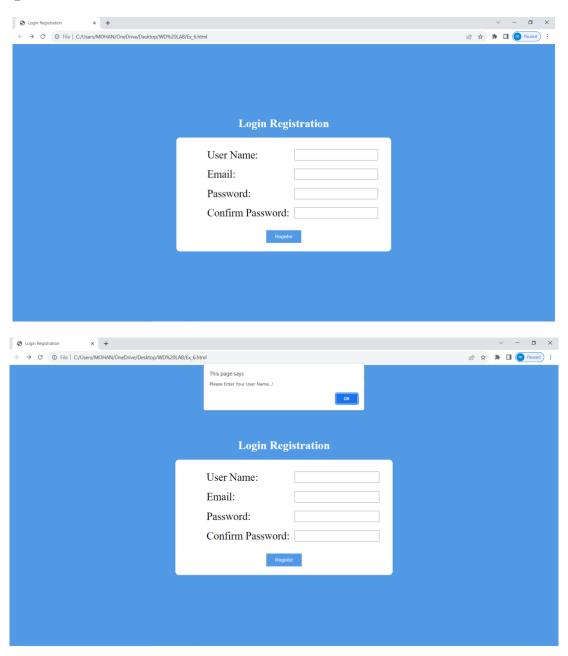
Aim:

To Design and Develop a registration for and validate it using JavaScript. Design the forms using CSS and display Error Messages in the HTML page.

```
<html>
<head>
      <title>Login Registration</title>
      <style type="text/css">
             h1
             {
                    padding-top: 13%;
                    color: white;
             }
             table
                    background: white;
                    border-radius: 10px;
             input
             {
                    width: 120%;
                    padding: 6px;
                    margin: 10px;
             label
             {
                    font-size: 30px;
             }
             button
             {
                    margin-top: 20px;
                    padding: 10px 25px;
                    background: #5199E4;
                    color: white;
                    border: none;
      </style>
</head>
<body bgcolor= "#5199E4">
      <center>
             <h1>Login Registration</h1>
```

```
<br>
                  <form name="myform">
                  <label>User Name:</label>
                  <input type="text" name="username">
                  <label>Email:</label>
                  <input type="text" name="email">
                  <label>Password:</label>
                  <input type="password" name="password">
                  <label>Confirm Password:</label>
                  <input type="password" name="cpassword">
                  <button type="submit" onclick="return</pre>
formvalidation()">Register</button>
                  </form>
                  <br>
             </center>
<script type="text/javascript">
```

```
function formvalidation()
       let username = document.myform.username.value;
       let email = document.myform.email.value;
       let password = document.myform.password.value;
       let cpassword = document.myform.cpassword.value;
       let mailformat = /^([a-z0-9_{-}])+\\@([a-z0-9_{-}])+\\.([a-z]{2,4})$/;
       if (username==null || username=="")
              alert("Please Enter Your User Name...!");
              return false;
       else if(email==null || email=="")
              alert("Please Enter Your Email Id...!");
              return false;
       else if (!(email.match(mailformat)))
              alert("Invalid Email Id...!");
              return false;
       else if(password==null || password=="")
              alert("Please Enter Your Password...!");
              return false;
       else if(password.length<6)
              alert("Password must be at least 6 characters long...!");
              return false;
       else if(cpassword==null || cpassword=="")
              alert("Please Enter Your Confirm Password...!");
              return false;
       else if(password != cpassword)
              alert("Password and Confirm Password must be Same...!");
              return false:
       else
              alert("Register Successfully...!");
              document.write('<body>');
              document.write('<center><br><br>');
              document.write('<u><h1>User Login Details</h1></u>');
              document.write('<h1> User Name: '+username+'</h1>');
```



Result:

Develop a PHP server that Create, Read, Update and Delete To-Do

Aim:

To Design and Develop a Student Management System using PHP server and MySQL and perform CRUD Operations.

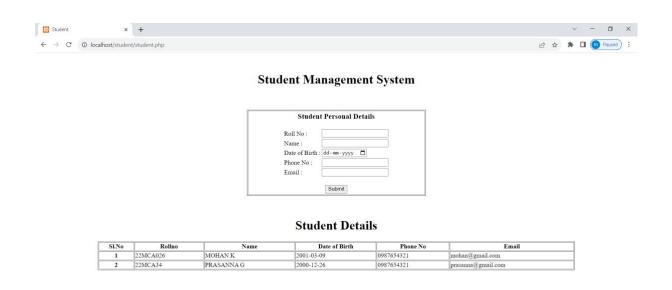
Database:

```
CREATE DATABASE `student`:
CREATE TABLE `student` (
'id' int(11) NOT NULL,
 'rollno' varchar(200) NOT NULL,
 'name' varchar(100) NOT NULL,
 'dob' varchar(50) NOT NULL,
 `phone` varchar(20) NOT NULL,
 'email' varchar(200) NOT NULL
);
INSERT INTO `student` ('id`, `rollno`, `name`, `dob`, `phone`, `email`) VALUES
(16, '22MCA026', 'MOHAN K', '2001-03-09', '0987654321', 'mohan@gmail.com'),
(18, '22MCA34', 'PRASANNA G', '2000-12-26', '0987654321', 'prasanna@gmail.com');
Coding:
<?php
// Database Connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "student";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect error)
die("Connection failed: " . $conn->connect_error);
// Insert Operation
if (isset($_POST['submit']))
```

```
{
 $rollno = $_POST['rollno'];
 $name = $_POST['name'];
 dob = POST['dob'];
 $phone = $_POST['phone'];
 $email = $_POST['email'];
 $id = $_POST['id'];
     $sql = "INSERT INTO student (rollno, name, dob, phone, email) VALUES ('$rollno',
'$name', '$dob', '$phone', '$email')";
     if ($conn -> query($sql) === TRUE)
           echo '<script>';
       echo'alert("Student Added Successfully."); location.href="student.php";
           echo '</script>';
     }
}
?>
<html>
<head>
     <title>Student</title>
</head>
<body>
     <br/>br>
     <center>
           <h1>Student Management System</h1>
     </re>
     <form action="Ex_7.php" method="post">
           >
           <h3>Student Personal Details</h3>
           <label>Roll No : </label>
           <input type="text" name="rollno" required>
           <label>Name : </label>
```

```
<input type="text" name="name" required>
    >
    <label>Date of Birth : </label>
    >
    <input type="date" name="dob" required>
    <label>Phone No : </label>
    >
    <input type="text" name="phone" required>
    >
    <label>Email: </label>
    >
    <input type="email" name="email" required>
    <input type="submit" name="submit">
    </form>
<br>
<center>
    <h1>Student Details</h1>
</center>
Sl.No
        Rollno
        Name
```

```
Date of Birth
               Phone No
               Email
          <?php
               $sql = "SELECT * FROM student";
               $result = $conn -> query($sql);
               if(\text{sresult} -> \text{num\_rows} > 0)
               {
                     i=0;
                     while ($row = $result -> fetch_assoc())
                     {
                          $i++;
                          echo "";
                          echo"$i";
                          echo"{$row["rollno"]}";
                          echo"{$row["name"]}";
                          echo"{$row["dob"]}";
                          echo"{$row["phone"]}";
                          echo"{$row["email"]}";
                          echo "";
                     }
               else
                    echo "";
                    echo"Student Data Not
Found...!";
                    echo "";
          ?>
     </body>
</html>
```



Result:

Develop a PHP server that Registers and Authenticates user session and stores user date MySQL database

Aim:

To Design and Develop a Login System using PHP server and MySQL.

Coding:

Database:

```
CREATE TABLE `user_login` (
   `user_id` int(11) NOT NULL,
   `user_email` varchar(100) NOT NULL,
   `user_password` varchar(100) NOT NULL
);
INSERT INTO `user_login` (`user_id`, `user_email`, `user_password`) VALUES (1, 'mohan@gmail.com', 'password');
```

File Name: index.php

```
<?php
session_start();
$host = "localhost";
$username = "root";
$password = "";
$database = "login";

$conn = new mysqli($host, $username, $password, $database);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $username = $_POST['username'];
    $password = $_POST['password'];

    $sql = "SELECT * FROM user_login WHERE user_email = '$username' AND user_password = '$password'";
    $result = $conn->query($sql);
```

```
if ($result->num_rows == 1) {
    $_SESSION['username'] = $username;
    header("Location: welcome.php");
   exit();
  } else {
      echo "<script>";
    echo "alert('Invalid username or password')";
   echo "</script>";
  }
}
$conn->close();
?>
<!DOCTYPE html>
<html>
<head>
  <title>Login</title>
  <style type="text/css">
      label{
            font-size: 20px;
            font-weight: bold;
            padding: 15px;
      #btn{
            height: 30px;
            width: 60px;
  </style>
</head>
<body>
      <center>
            <br>><br>>
            <h2>Login Form</h2>
      </center>
      <br>><br>>
  <form action="index.php" method="post">
      <label>Username:</label>
      <input type="text" name="username" required>
      <label>Password:</label>
      <input type="password" name="password" required>
```

```
ctd colspan="2" align="center"><input type="submit" value="Login" id="btn">

</form>

</tt>

</body></html>
```

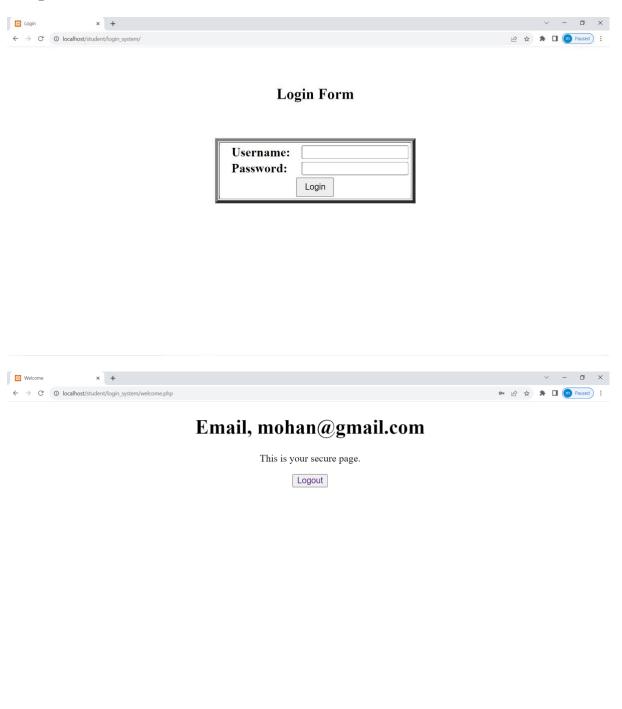
File Name: welcome.php

```
<?php
session_start();
// Check if the user is logged in
if (!isset($_SESSION['username'])) {
  header("Location: index.php");
  exit();
}
$username = $_SESSION['username'];
?>
<!DOCTYPE html>
<html>
<head>
  <title>Welcome</title>
</head>
<body>
       <center>
              <h1>Email, <?php echo $username; ?></h1>
```

```
This is your secure page.
<br/>
<button>
<a href="logout.php" style="text-decoration: none;">Logout</a>
</button>
</center>
</body>
</html>
```

File Name: logout.php

```
<?php
session_start();
session_destroy();
header("Location: index.php");
exit();
?>
```



Result: