



SDM College of Engineering and Technology
Department of Computer Science & Engineering

CTA Activity REPORT
On

Web Technology - 22UPCSC405

Activity. No	Title	Max. Marks	Marks Scored	Out of 10 M
1	Creating a static webpage with HTML.	10		
2	Making static web pages into interactive pages using Javascript.	10		
3	Writing PHP code and integrating of MySQL database.	10		
Total Marks		50		

Note: The total scored mark will be scaled down to 10M.

Submitted
By

R V Vishnu Karthik
Ramakrishna
IV Semester - B Division

2SD22CS068
2SD22CS070
Academic Year:2023-24

Course Teacher
Prathap Kumar M.K.

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3	Assignment-3: Writing PHP code to make dynamic application, Integration of MySQL database and implementation of CRUD operations.	42

PART-1 (5 Marks)

Assignment – 1

Creating a static webpage with HTML

Problem statement

Developing an effective mentorship program to enhance professional growth and skill development among mentees, fostering a culture of knowledge sharing, personal development, and mutual support within the organisation.

Requirement:

1. List of software(s) used to develop web application

- Visual code
- Eclipse

2. List of web pages and their usage

- Home page
- Signup page
- Login page
- Password recovery page
- Mentorship Insights page

3. Use of each web page in brief

- **Home Page:** The homepage of a website serves as the gateway for users to access the content and navigate through the site. Here are some key purposes and functions of a homepage.
- **Signup Page:** The signup page on a website serves as a crucial gateway for users to create accounts and access additional features or content. It represents the first step towards establishing a relationship between the user and the website's services or offerings.
- **Login Page:** The login page on a website serves as a secure entry point for registered users to access their accounts and personalised features
- **Password recovery page:** The password recovery page on a website serves as a vital mechanism for users to regain access to their

accounts in case they forget their passwords or encounter login issues.

- **Mentorship Insights page:** The Mentorship Insights page on a website serves as a valuable resource for mentees, mentors, and individuals interested in professional development. Serves as a hub of knowledge, inspiration, and support for individuals seeking to advance their careers, develop new skills, and build meaningful mentorship relationships.

Implementation:

1. Designing of Web page(s) using HTML/XHTML/HTML5.
2. Creation of XML file for the identified problem statement
3. Creation of DTD file for the identified problem statement
4. Creation of XSD file for the identified problem statement

Solution:

HTML CODES :

- **Home Page**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Mentorship</title>
  <style>
    .image-container {
      text-align: left;
      margin-left: 800px;
      margin-top: 100px;
```

```

    }
    #image{
        float:right;
    }
    #last-text {
        margin-left: 80px;
    }
    #explore{
        margin-left: 80px;
    }
    input[type="submit"] {
        background-color:#35dcaa;
        color: white;
        padding: 10px 20px;
        width: 100px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 0px;
        margin-left: 100px;
        margin-top: 20px;
    }
</style>
</head>
<body bgcolor="#E2FBFB">
    <table style="width:100%">
        <tr>
            <th>
                <h2 style="color: #0b0f17;" align="left"
style="width:60%">Mentorship</h2>
            </th>
            <div>
                <th style="width:10%"><a style="font-size:
larger;" href="why.html">Why Mentoring?</a></th>
            </div>
            <div>

```

```

        <th><a style="font-size: larger;"
href="join.html">Join</a></th>
    </div>
    <div>
        <th align="right" style="width: 04%"><a
style="font-size: larger;" href="Login.html">Log in</a></th>
    </div>
</tr>
</table>
<div class="image-container">
    
</div>
<center>
    <div style="font-size: large;">
        <h2 id="quote" style="color: #30505A;">"A mentor is
someone who sees more talent and ability within you, than you
see in yourself, and helps bring it out of you" <br>- Bob
Proctor</h2>
    </div>
</center>
<div id="last-text" style="font-size: xx-large;">
    <h1 id="quote" style="color: #425664;">Grow your skill
<br> to advance <br> your career path</h1>
</div>
<div id="explore" style="font-size: x-large;">
    <p id="quote" style="color: #425664;">Explore Mentors
and student details</p>
</div>
<div>
    <input type="submit" name="btnsubmit" value="Explore">
</div>

</body>
</html>

```

- Join Page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Join page</title>
  <style>
    input[type="submit"] {
      background-color:#0b0f17;
      color: white;
      padding: 10px 20px;
      width: 100px;
      border: none;
      border-radius: 5px;
      cursor: pointer;
      margin: 20px;
    }
    input[type="text"],input[type="email"] {
      /* background-color:#0b0f17;
      color: white; */
      padding-bottom: 50px;
      width:300px;
      padding: 10px 20px;
      border: none;
      border-radius: 5px;
      cursor: pointer;
      margin: 20px;
    }
    input[type="text"],input[type="password"] {
      /* background-color:#0b0f17;
      color: white; */
      padding: 10px 20px;
      /* padding: left px; */
      width: 300px;
```



```

        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
    input[type="text"],input[type="name"] {
        /* background-color:#0b0f17;
        color: white; */
        padding-bottom: 50px;
        width:300px;
        padding: 10px 20px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
    input[type="text"],input[type="number"] {
        /* background-color:#0b0f17;
        color: white; */
        padding-bottom: 50px;
        width:300px;
        padding: 10px 20px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
}
</style>
</head>
<body bgcolor="#E2FBFB">
    <center>
        <div>
            <h2>Create Account.</h2>
        </div>
        <div>
            <p>Login using social networks</p>
        </div>
    </center>

```

```

<div>
    
    
    
</div>
<form id="tab">
    <table>
        <tr>
            <td><input type="Name" name="txtname"
placeholder="Name"></td>
        </tr>

        <tr>
            <td><input type="number"
name="txtnumber" placeholder="Number"></td>
        </tr>

        <tr>
            <td><input type="email"
name="txtemail" placeholder="Email"></td>
        </tr>

        <tr>
            <td><input type="password"
name="txtpassword" placeholder="Password"></td>
        </tr>

        <tr>
            <td><input type="submit"
name="btnsubmit"></td>
        </tr>
    </table>
</form>
</center>
</body>
</html>

```

- **Mentorship Insights Page**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>why Mentoring?</title>
  <style>
    #image{
      float:right;
    }
  </style>
</head>
<body bgcolor="#E2FBFB">
  <h1 style="colour:#30505A;">THERE ARE COUNTLESS BENEFITS OF
RECEIVING STUDENT MENTORING.</h1>
  <div>
    
  </div>
  <div style="font-size:x-large;">
    <p id="paragraph" style="color: #30505A;">Lorem</p>
  </div>
</body>
</html>
```

- **Login Page**

```
<!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>
    form{
        border:02px solid;
        width: 500px;
        margin: 0;
        padding: 10px;
        padding: left 0px; ;
        padding: right 0px; ;
        padding-top: 50px;
        padding-bottom: 50px;
    }
    input[type="submit"] {
        background-color:#0b0f17;
        color: white;
        padding: 10px 20px;
        width: 100px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
    input[type="text"],input[type="email"] {
        padding-bottom: 50px;
        width:300px;
        padding: 10px 20px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
    input[type="text"],input[type="password"] {
        padding: 10px 20px;
        width: 300px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
```

```

    }
    a{
        text-decoration: none;
        color: #0b0f17;
        margin-left: 80px;
    }
</style>
</head>
<body bgcolor="#E2FBFB">
    <center>
        <div>
            <h2>Welcome Back.</h2>
        </div>
        <form id="tab">
            <table>
                <tr>
                    <td><input type="email" name="txtemail"
placeholder="Email"></td><br>
                </tr>
                <tr>
                    <td><input type="password"
name="txtpassword" placeholder="Password"></td>
                </tr>
                <tr>
                    <td>
                        <input type="submit" name="btnsubmit"
value="Login">
                        <a href="forget.html">Forget
Password?</a>
                    </td>
                </tr>
            </table>
        </form>
    </centre>
</body>
</html>

```

- Password Recovery Page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Password</title>
  <style>
    form{
      border:02px solid;
      width: 500px;
      margin: 0;
      padding: 10px;
      padding: left 0px; ;
      padding: right 0px; ;
      padding-top: 50px;
      padding-bottom: 50px;
    }
    input[type="submit"] {
      background-color:#0b0f17;
      color: white;
      padding: 10px 20px;
      margin: 0 auto;
      width: 200px;
      border: none;
      border-radius: 5px;
      cursor: pointer;
      margin: 20px;
    }
    input[type="text"],input[type="email"] {
      padding-bottom: 50px;
      width:300px;
      padding: 10px 20px;
      border: none;
      border-radius: 5px;
```

```

        cursor: pointer;
        margin: 20px;
    }
    input[type="text"],input[type="password"] {
        padding: 10px 20px;
        /* padding: left px; */
        width: 300px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
    a{
        text-decoration: none;
        color: #0b0f17;
        margin-left: 80px;
    }
</style>
</head>
<body bgcolor="#E2FBFB">
    <centre>
        <div>
            <h2>Forget Password</h2>
        </div>
        <form id="tab">
            <table>
                <tr>
                    <td><input type="email" name="txtemail"
placeholder="Email"></td><br>
                </tr>
                <tr>
                    <td><input type="password"
name="txtpassword" placeholder="Password"></td>
                </tr>
                <tr>
                    <td><input type="password"
name="txtpassword" placeholder="Confirm Password"></td>

```

```

        </tr>
        <tr>
            <td>
                <input type="submit" name="btnsubmit"
value="Reset Password">
            </td>
        </tr>
    </table>
</form>
</centre>
</body>
</html>

```

- Explore Page

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Mentorship</title>
    <style>
        #col {
            background-color: rgb(190, 213, 212);
        }
        .tab1 {
            display: flex;
            justify-content: center;
            background-color: rgb(50, 107, 108);
            border-radius: 20px;
            float: left;
            border: 04px solid;
            border-color: rgb(63, 107, 108);
            width: 500px;
            height: 600px;

```



```
        margin: 100px;

    }

    .name {
        color: white;
        font-size: xx-large;
        font-style: normal;
        padding: 20px 0;
    }

    .mentor {
        color: white;
        font-size: xx-large;
        font-style: normal;
        display: flex;
        align-items: center;
        justify-content: center;
        margin: -100px 0 0 0;
        height: 100px;
    }

    .btn{
        display: flex;
        align-items: center;
        justify-content: center;
        flex-direction: column;
        height: 500px;
        width: 100%;
        padding-top: 70px;
    }

    .btnyr{
        background-color: transparent;
        color: white;
        text-decoration: none;
        display: flex;
        align-items: center;
```

```

        justify-content: center;
        border: none;
        box-shadow: 0 0 10px #333;
        height: 45px;
        width: 400px;
        border-radius: 300px;
        margin-bottom: 10px;
    }

    .year {
        display: flex;
        flex-direction: column;
        height: 600px;
        width: 100%;
        margin: 100px;
    }
</style>
</head>

<body id="col">
    <center>
        <form class="tab1">
            <div class="year">
                <div class="mentor">
                    <span>Mentor 1</span>
                </div>
                <div class="btn">
                    <input type="submit" name="btnsubmit"
value="1st YEAR" class="btnyr">
                    <!-- <input type="submit" name="btnsubmit"
value="2nd YEAR" class="btnyr"> -->
                    <a href="2ndyear.html" type="button"
class="btnyr">2nd Year</a>
                    <input type="submit" name="btnsubmit"
value="3rd YEAR" class="btnyr">
                    <input type="submit" name="btnsubmit"
value="4th YEAR" class="btnyr">

```

```

        </div>
    </div>
</form>
<form class="tab1">
    <div class="year">
        <div class="mentor">
            <span>Mentor 2</span>
        </div>
        <div class="btn">
            <input type="submit" name="btnsubmit"
value="1st YEAR" class="btnyr">
            <input type="submit" name="btnsubmit"
value="2nd YEAR" class="btnyr">
            <input type="submit" name="btnsubmit"
value="3rd YEAR" class="btnyr">
            <input type="submit" name="btnsubmit"
value="4th YEAR" class="btnyr">
        </div>
    </div>
</form>
<form class="tab1">
    <div class="year">
        <div class="mentor">
            <span>Mentor 3</span>
        </div>
        <div class="btn">
            <input type="submit" name="btnsubmit"
value="1st YEAR" class="btnyr">
            <input type="submit" name="btnsubmit"
value="2nd YEAR" class="btnyr">
            <input type="submit" name="btnsubmit"
value="3rd YEAR" class="btnyr">
            <input type="submit" name="btnsubmit"
value="4th YEAR" class="btnyr">
        </div>
    </div>
</form>

```

```

        <form class="tab1">
            <div class="year">
                <div class="mentor">
                    <span>Mentor 4</span>
                </div>
                <div class="btn">
                    <input type="submit" name="btnsubmit"
value="1st YEAR" class="btnyr">
                    <input type="submit" name="btnsubmit"
value="2nd YEAR" class="btnyr">
                    <input type="submit" name="btnsubmit"
value="3rd YEAR" class="btnyr">
                    <input type="submit" name="btnsubmit"
value="4th YEAR" class="btnyr">
                </div>
            </div>
        </form>
    </center>
</body>

</html>

```

- **Mentor Page**

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>2nd Year</title>
    <style>
        #col {
            background-color: rgb(190, 213, 212);
        }
        form {
            border: 2px solid;

```

```

        width: 500px;
        margin: 0;
        padding: 10px;
        padding-top: 50px;
        padding-bottom: 50px;
        text-align: center;
    }
    input[type="submit"] {
        background-colour: #0b0f17;
        color: white;
        padding: 10px 20px;
        width: 100%;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }
    input[type="text"],
    input[type="number"],
    input[type="email"],
    input[type="password"] {
        padding: 10px 20px;
        width: 300px;
        border: none;
        border-radius: 5px;
        cursor: pointer;
        margin: 20px;
    }

    #details {
        margin-top: 50px;
    }

    #tab {
        display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;
    }

```

```

    }

    #loginbtn {
        flex-direction: row;
        display: flex;
        justify-content: center;
        align-items: center;
    }

    #lgn {
        width: 100px;
    }
</style>
</head>
<body id="col">
    <center>
        <div id="details">
            <h2>Enter your Details.</h2>
        </div>
        <form id="tab">
            <div id="align">
                <div>
                    <input type="text" name="txtname"
placeholder="Name" id="usrname" autocomplete="off"
onblur="nameerror();">
                    <div id="nameer"></div>
                </div>
                <div>
                    <input type="number" name="txtnumber"
placeholder="Number" id="usrno" autocomplete="off"
onblur="noerror();">
                    <div id="noer"></div>
                </div>
                <div>
                    <input type="text" name="txtname"
placeholder="Father Name" id="fathername" autocomplete="off"
onblur="nameerror();">

```

```

        <div id="fnameer"></div>
    </div>
    <div>
        <input type="number" name="txtnumber"
placeholder="Father Number" id="fno" autocomplete="off"
        onblur="noerror();">
        <div id="fnoer"></div>
    </div>
    <div>
        <textarea name="txtadd" id="usradd">
            address
        </textarea>
    </div>
    <div>
        <input type="password" name="txtpassword"
placeholder="Password" id="usrpassword" autocomplete="off"
        onblur="passerror();">
        <div id="passerror"></div>
    </div>
    <div id="loginbtn">
        <input type="submit" name="btnsubmit"
value="Submit" id="lgn" onclick="validatelogin();">
    </div>
</div>
</form>
</center>
</body>
</html>

```

Web T

XML CODE :

- Signup

```
<?xml version="1.0" encoding="UTF-8"?>
<signup>
  <input>
    <name>abc</name>
    <number>1234</number>
    <email>xxx@gmail.com</email>
    <password>***</password>
  </input>
</signup>
```

- Login

```
<?xml version="1.0" encoding="UTF-8"?>
<login>
  <input>
    <email>xxx@gmail.com</email>
    <password>***</password>
  </input>
</login>
```

- Password Recovery

```
<?xml version="1.0" encoding="UTF-8"?>
<forget>
  <input>
    <email>xxx@gmail.com</email>
    <password>***</password>
    <confirmpass>***</confirmpass>
  </input>
</forget>
```


DTD CODE :

- Signup

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT signup (input)>
<!ELEMENT input (name,number,email,password)>
<!ELEMENT name (#PCDATA)>
<!ELEMENT number (#PCDATA)>
<!ELEMENT email (#PCDATA)>
<!ELEMENT password (#PCDATA)>
```

- Login

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT login (input)>
<!ELEMENT input (email,password)>
<!ELEMENT email (#PCDATA)>
<!ELEMENT password (#PCDATA)>
```

- Password Recovery

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT forget (input)>
<!ELEMENT input (email,password,confirmpass)>
<!ELEMENT email (#PCDATA)>
<!ELEMENT password (#PCDATA)>
<!ELEMENT confirmpass (#PCDATA)>
```

XSD CODE :

- Signup

```
<?xml version="1.0"?>
<xs:schema version="1.0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified">
  <xs:element name="signup">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="input" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="name" type="xs:string"/>
              <xs:element name="number"
type="xs:integer"/>
              <xs:element name="email"
type="xs:string"/>
              <xs:element name="password"
type="xs:string"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

- Login

```
<?xml version="1.0"?>
<xs:schema version="1.0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified">
  <xs:element name="login">
```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="input" maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="email"
type="xs:string"/>
          <xs:element name="password"
type="xs:string"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

- Password Recovery

```

<?xml version="1.0"?>
<xs:schema version="1.0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  elementFormDefault="qualified">
  <xs:element name="forget">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="input" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="email"
type="xs:string"/>
              <xs:element name="password"
type="xs:string"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>

```

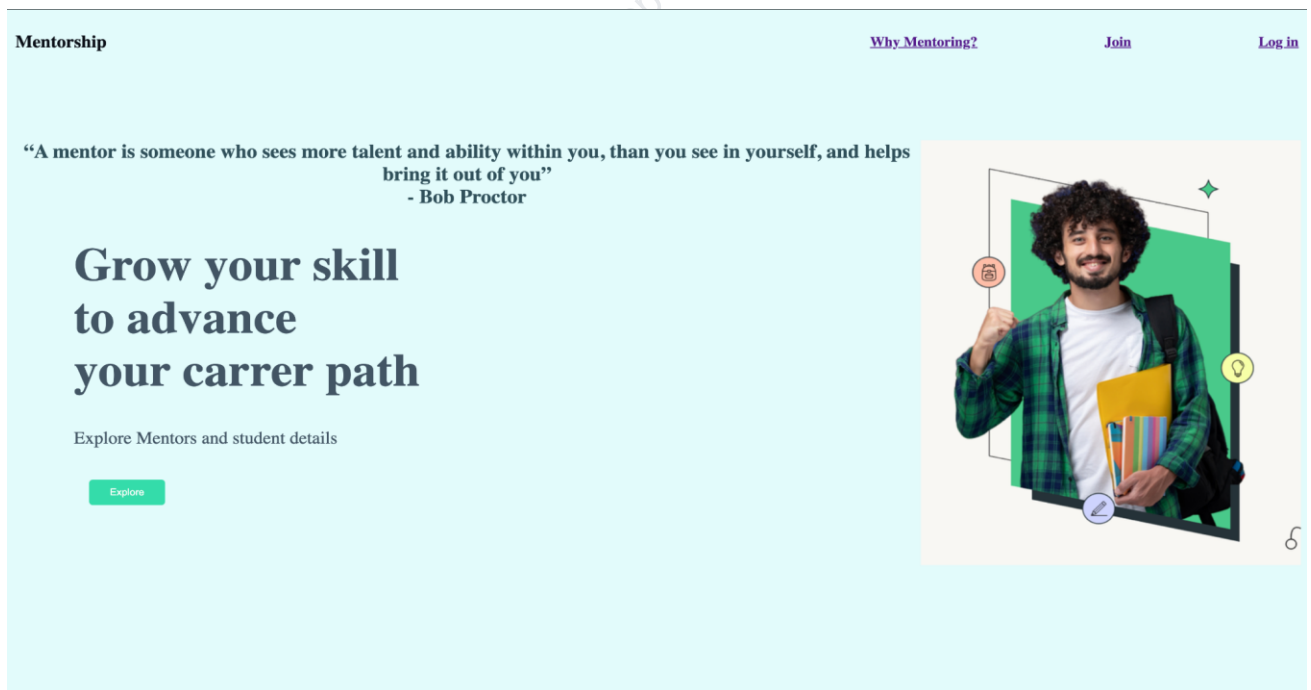
```

        <xs:element name="confirmpass"
type="xs:string"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema


```

Results:

- Home Page



• Signup Page

Create Account.
Login using social networks


• Mentorship Insights Page

THERE ARE COUNTLESS BENEFITS OF RECEIVING STUDENT MENTORING.

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Quia nihil laborum nulla earum, numquam illum voluptas consequatur vero corrupti non, voluptate temporibus explicabo amet atque consequuntur quod minima facere, consectetur exercitationem eaque!

Accusantium minus earum deleniti, sint pariatur aperiam ad ea dignissimos quos quaerat eligendi assumenda delectus, modi est quidem illo distinctio ex nostrum! Itaque voluptatum quis iste! Illum similique, ea, soluta vitae qui ex repellat placeat tempore quis rem fugit blanditiis natus tempora obcaecati saepe neque tenetur? Reprehenderit, rerum atque quae laboriosam et doloribus nostrum laudantium sit quas! Quos ut est exercitationem, reprehenderit sed alias perferendis adipisci amet quam maxime repudiandae aspernatur, assumenda praesentium debitis cum ipsam! Fugit consequatur iusto neque delectus molestias! Saepe iure repellendus provident sint vel, excepturi temporibus repudiandae iusto quis sed. Suscipit ratione maxime consectetur voluptatibus aspernatur, eos dolorum, fuga unde accusamus molestiae consequuntur ipsa aliquam enim, tenetur cupiditate aperiam nulla beatae totam. Repellat ratione deleniti tempora similique eum incidunt officiis dolores, ullam nulla expedita ex necessitatibus ipsa tempore, recusandae nobis odit inventore praesentium adipisci autem.



- **Login Page**

Welcome Back.

[Forget Password?](#)

- **Password recovery Page**

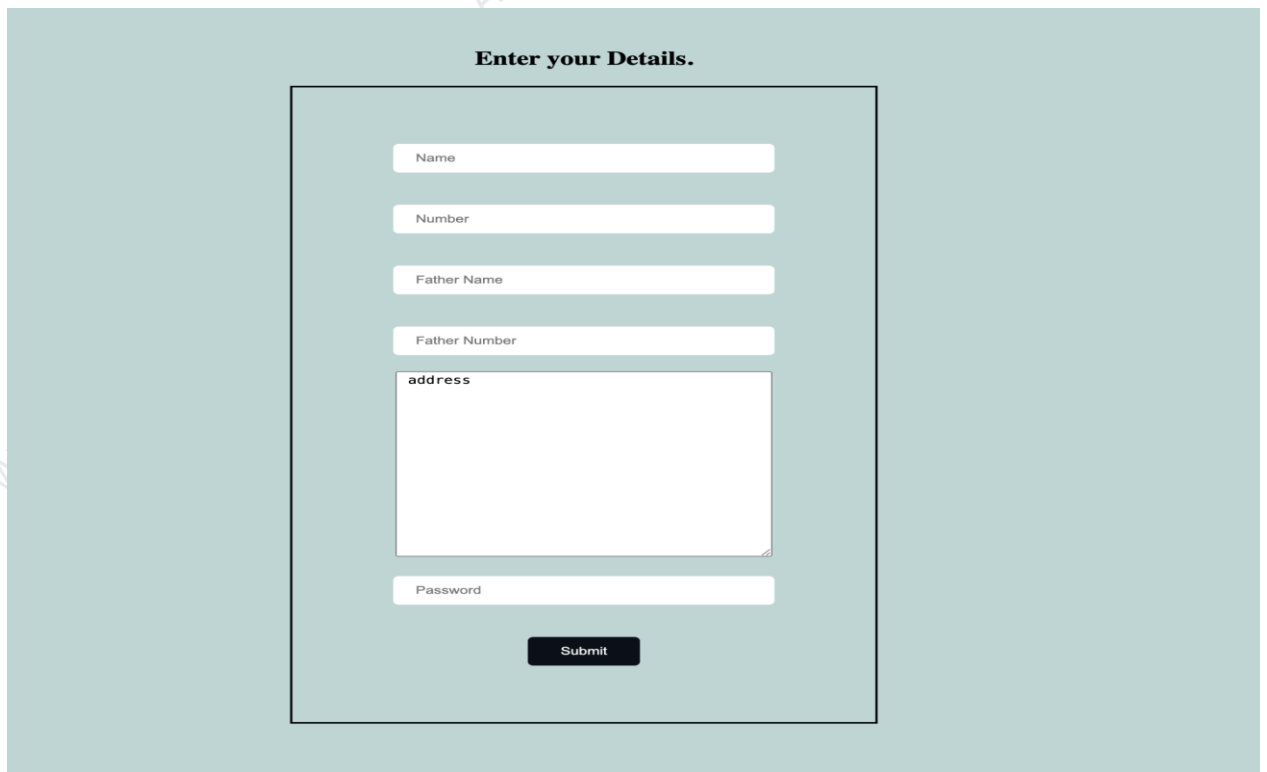
Forget Password

- **Explore Page**



The Explore Page features a light blue background with two dark teal rectangular panels. The left panel is titled 'Mentor 1' and the right panel is titled 'Mentor 2'. Each panel contains four rounded rectangular buttons stacked vertically, labeled '1st YEAR', '2nd YEAR', '3rd YEAR', and '4th YEAR'.

- **Mentor Page**



The Mentor Page has a light blue background. At the top, it says 'Enter your Details.' Below this is a white rectangular form with a black border. Inside the form, there are six input fields: 'Name', 'Number', 'Father Name', 'Father Number', 'address' (a larger text area), and 'Password'. At the bottom of the form is a dark blue 'Submit' button.

PART-2 (5 Marks)

Assignment – 2

**Making static web pages into interactive pages using
javascript**

HTML CODES :

- Join Page

```
<body bgcolor="#E2FBFB">
  <centre>
    <div>
      <h2>Create Account.</h2>
    </div>
    <div>
      <p>Login using social networks</p>
    </div>
    <div>
      
      
      
    </div>
    <form id="tab">
      <table>
        <tr>
          <td><input type="Name" name="txtname"
placeholder="Name" id="usrname" autocomplete="off"
onblur="nameerror();" ></td>
        </tr>
        <tr>
          <td>
            <centre>
              <div id="nameer"></div>
            </centre>
          </td>
        </tr>
        <tr>
          <td><input type="number" name="txtnumber"
placeholder="Number" id="usrno" autocomplete="off"
onblur="noerror();" ></td>
        </tr>
      </table>
    </form>
  </div>
</body>
```

```

        <td>
            <centre>
                <div id="noer"></div>
            </centre>
        </td>
    </tr>
    <tr>
        <td><input type="email" name="txtemail"
placeholder="Email" id="usrmail" autocomplete="off"
onblur="emailer();" ></td>
    </tr>
    <tr>
        <td>
            <centre>
                <div id="emailer"></div>
            </centre>
        </td>
    </tr>
    <tr>
        <td><input type="password"
name="txtpassword" placeholder="Password" id="usrpassword"
autocomplete="off"
onblur="passerror();" ></td>
    </tr>
    <tr>
        <td>
            <centre>
                <div id="passer"></div>
            </centre>
        </td>
    </tr>
    <tr>
        <td><input type="submit" name="btnsubmit"
onclick="validatelogin();" ></td>
    </tr>
</table>
</form>

```

```

    </centre>
    <span id="namealert"></span>
</body>
</html>

```

- Login Page

```

<body bgcolor="#E2FBFB">
    <centre>
        <div id="welcome">
            <h2>Welcome Back.</h2>
        </div>
        <form id="tab">
            <div>
                <input type="email" name="txtemail"
placeholder="Email" id="usremail" autocomplete="off"
onblur="emailererror();">
                <div id="emailererror"></div>
            </div>
            <div>
                <input type="password" name="txtpassword"
placeholder="Password" id="usrpassword" autocomplete="off"
onblur="passerror();">
                <div id="passerror"></div>
            </div>
            <div id="loginbtn">
                <input type="submit" name="btnsubmit" value="Login"
id="lgn" onclick="validatelogin();">
                <a id="changecolor" href="forget.html">Forget
Password?</a>
            </div>
        </form>
    </center>
</body>

```

- Password Recovery Page

```
<body bgcolor="#E2FBFB">
  <centre>
    <div>
      <h2>Create Account.</h2>
    </div>
    <div>
      <p>Login using social networks</p>
    </div>
    <div>
      
      
      
    </div>
    <form id="tab">
      <table>
        <tr>
          <td><input type="Name" name="txtname"
placeholder="Name" id="usrname" autocomplete="off"
onblur="nameerror();" ></td>
        </tr>
        <tr>
          <td>
            <centre>
              <div id="nameer"></div>
            </centre>
          </td>
        </tr>
        <tr>
          <td><input type="number" name="txtnumber"
placeholder="Number" id="usrno" autocomplete="off"
onblur="noerror();" ></td>
        </tr>
        <tr>
          <td>
            <centre>
```

```

        <div id="noer"></div>
    </centre>
</td>
</tr>
<tr>
    <td><input type="email" name="txtemail"
placeholder="Email" id="usrmail" autocomplete="off"
onblur="emailer();" ></td>
</tr>
<tr>
    <td>
        <centre>
            <div id="emailer"></div>
        </centre>
    </td>
</tr>
<tr>
    <td><input type="password"
name="txtpassword" placeholder="Password" id="usrpassword"
autocomplete="off"
onblur="passerror();" ></td>
</tr>
<tr>
    <td>
        <centre>
            <div id="passer"></div>
        </centre>
    </td>
</tr>
<tr>
    <td><input type="submit" name="btnsubmit"
onclick="validatelogin();" ></td>
</tr>
</table>
</form>
</centre>
<span id="namealert"></span>

```

JAVASCRIPT CODES :

- Join Page

```
<script type="text/javascript">
```

```
var pattern1 = /^[a-zA-Z]*$/;
var pattern2 = /[0-9]/;
var pattern3 = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
var name = document.getElementById("usrname").value;
var number = document.getElementById("usrno").value;
var mail = document.getElementById("usrmail").value;
var pass = document.getElementById("usrpassword").value;
function nameerror() {
    var name = document.getElementById("usrname").value;
    var nm = document.getElementById("nameer");

    if (!name.match(pattern1)) {
        nm.innerHTML = "Enter correct name!";
        nm.style.color = "red";
    }
    else {
        document.getElementById("nameer").innerHTML = "";
    }
}
function noerror() {
    var number = document.getElementById("usrno").value;
    var no = document.getElementById("noer");

    if(number.length > 10 || number.length < 10){
        no.innerHTML = "Enter valid Number";
        no.style.color = "red";
    }
    else{
        no.innerHTML = "";
    }
}
```

```

function emailerror() {
    var mail = document.getElementById("usrmail").value;
    var em = document.getElementById("emailer");

    if (!mail.match(pattern3)) {
        em.innerHTML = "Invalid Email! Format :  
abc@gamil.com";
        em.style.color = "red";
    }
    else {
        document.getElementById("emailerr").innerHTML = "";
    }
}

function passerror() {
    var pass =
document.getElementById("usrpassword").value;
    var p = document.getElementById("passer");

    if(pass.length <= 8){
        p.innerHTML = "Password is too short";
        p.style.color = "red";
    }
    else{
        p.innerHTML = "";
    }
}

function validatelogin() {
    var pattern1 = /^[a-zA-Z]*$/;
    var pattern2 = /[0-9]/;
    var pattern3 = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;
    var name = document.getElementById("usrname").value;
    var number = document.getElementById("usrno").value;
    var mail = document.getElementById("usrmail").value;
    var pass =
document.getElementById("usrpassword").value;

```

```

        if (name == "" && number == "" && mail == "" && pass ==
        "") {
            alert("Enter Details");
        }
        else {
            if (name.match(pattern1) && number.match(pattern2)
            && mail.match(pattern3)) {
                alert("logged In successfully");
            }
            else {
                alert("Enter correct details");
            }
        }
    }
}
</script>

```

- Login Page

```

<script>
    var pattern1 = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;

    var usremail = document.getElementById("usremail").value;
    var usrpassword =
    document.getElementById("usrpassword").value;

    function emailerror(){
        var usremail =
    document.getElementById("usremail").value;
        var em = document.getElementById("emailerror");

        if (!usremail.match(pattern1)) {
            em.innerHTML = "Invalid Email! Format :
            abc@gamil.com";
            em.style.color = "red";
        }
        else{

```



```

        document.getElementById("emailerror").innerHTML
= "";
    }
}

function validatelogin() {

    var usremail =
document.getElementById("usremail").value;
    var usrpassword =
document.getElementById("usrpassword").value;

    if (usremail === "" && usrpassword === "") {
        alert("Enter Details");
    }
}
</script>

```

- Password Recovery Page

```

<script type="text/javascript">
    var pattern1 = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;

    function emailerror(){
        var usremail =
document.getElementById("usremail").value;
        var em = document.getElementById("emailerror");

        if (!usremail.match(pattern1)) {
            em.innerHTML = "Invalid Email! Format :
abc@gamil.com";
            em.style.color = "red";
        }
        else{
            document.getElementById("emailerror").innerHTML
= "";
        }
    }

```

```

    }

    function passerror() {
        var pass =
document.getElementById("usrpassword").value;
        var p = document.getElementById("passer");

        if(pass.length <= 8){
            p.innerHTML = "Password is too short";
        }
        else{
            p.innerHTML = "";
        }
    }

    function cpasserror(){
        var pass =
document.getElementById("usrpassword").value;
        var cpass = document.getElementById("usrcpass").value;
        var cpasser = document.getElementById("cpasser");

        if(pass !== cpass){
            cpasser.innerHTML = "Passwords does'nt match";
        }
        else{
            cpasser.innerHTML = "";
        }
    }

    function passwordvalidate(){
        var usremail =
document.getElementById("usremail").value;
        var pass =
document.getElementById("usrpassword").value;
        var cpass = document.getElementById("usrcpass").value;

        if(usremail == "" && pass == "" && cpass == ""){
            alert("Enter Details");
        }
    }

```

```
    }  
}  
  
</script>
```

- **Mentor Page**

```
<script>  
    var pattern1 = /^[a-zA-Z]*$/;  
    var pattern2 = /[0-9]/;  
    var pattern3 = /^[^ ]+@[^ ]+\.[a-z]{2,3}$/;  
    var name = document.getElementById("usrname").value;  
    var number = document.getElementById("usrno").value;  
    var fname = document.getElementById("fathername").value;  
    var usrpassword =  
document.getElementById("usrpassword").value;  
    function nameerror() {  
        var name = document.getElementById("usrname").value;  
        var nm = document.getElementById("nameer");  
        var fname =  
document.getElementById("fathername").value;  
        var fnm = document.getElementById("fnameer");  
        if (!name.match(pattern1)) {  
            nm.innerHTML = "Enter correct name";  
            nm.style.color = "red";  
        }  
        else if (!fname.match(pattern1)) {  
            fnm.innerHTML = "Enter correct name";  
            fnm.style.color = "red";  
        }  
        else {  
            document.getElementById("nameer").innerHTML = "";  
        }  
    }  
    function noerror() {  
        var number = document.getElementById("usrno").value;  
        var no = document.getElementById("noer");
```

```

var fnumber = document.getElementById("fno").value;
var fno = document.getElementById("fnoer");
if (number.length > 10 || number.length < 10) {
    no.innerHTML = "Enter valid Number";
    no.style.color = "red";
}
else if (fnumber.length > 10 || fnumber.length < 10) {
    fno.innerHTML = "Enter valid Number";
    fno.style.color = "red";
}
else {
    no.innerHTML = "";
}
}

function emailerror() {
    var usremail =
document.getElementById("usremail").value;
    var em = document.getElementById("emailerror");
    if (!usremail.match(pattern1)) {
        em.innerHTML = "Invalid Email! Format :
abc@gamil.com";
        em.style.color = "red";
    }
    else {
        document.getElementById("emailerror").innerHTML =
"";
    }
}

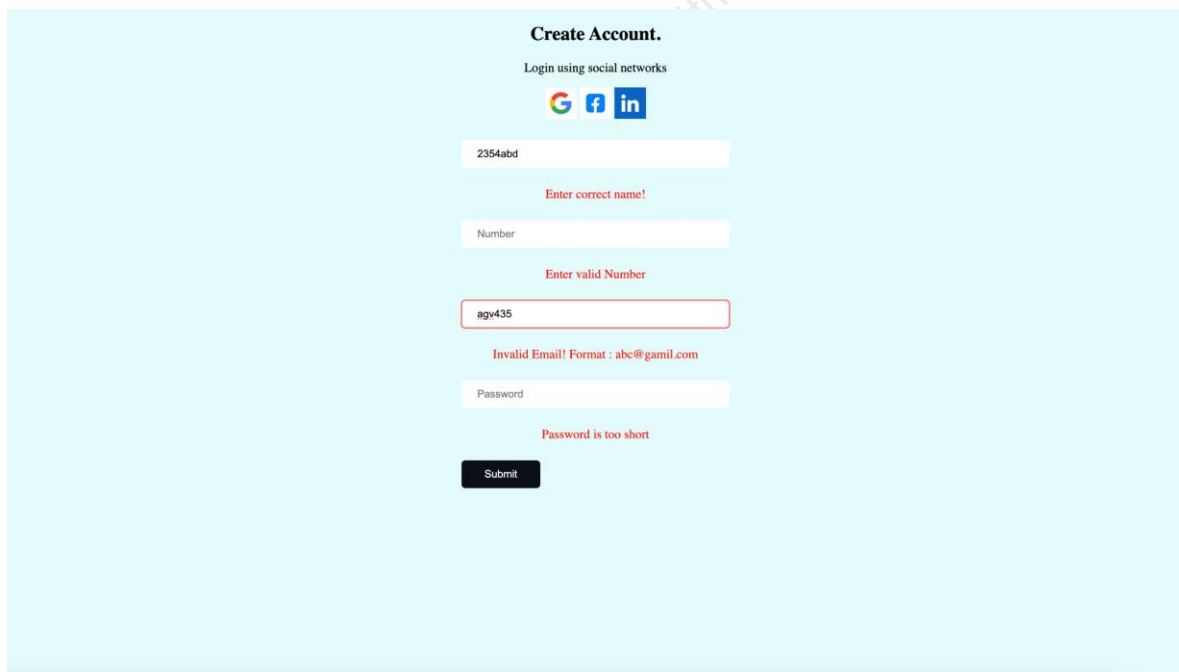
function validatelogin() {
    var usremail =
document.getElementById("usremail").value;
    var usrpassword =
document.getElementById("usrpassword").value;
    if (usremail === "" && usrpassword === "") {
        alert("Enter Details!");
        return false;
    }
}

```

```
    }  
    else {  
        alert("Logged In Successfully");  
    }  
}  
</script>
```

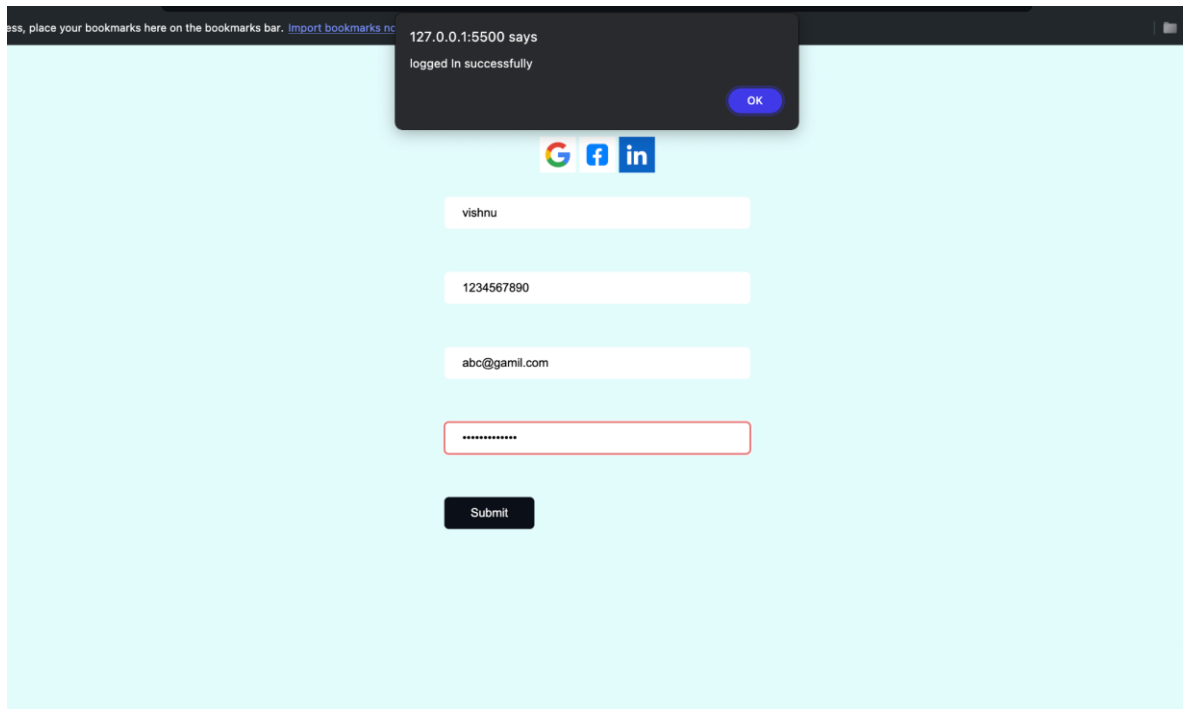
Results:

- **Join Page**

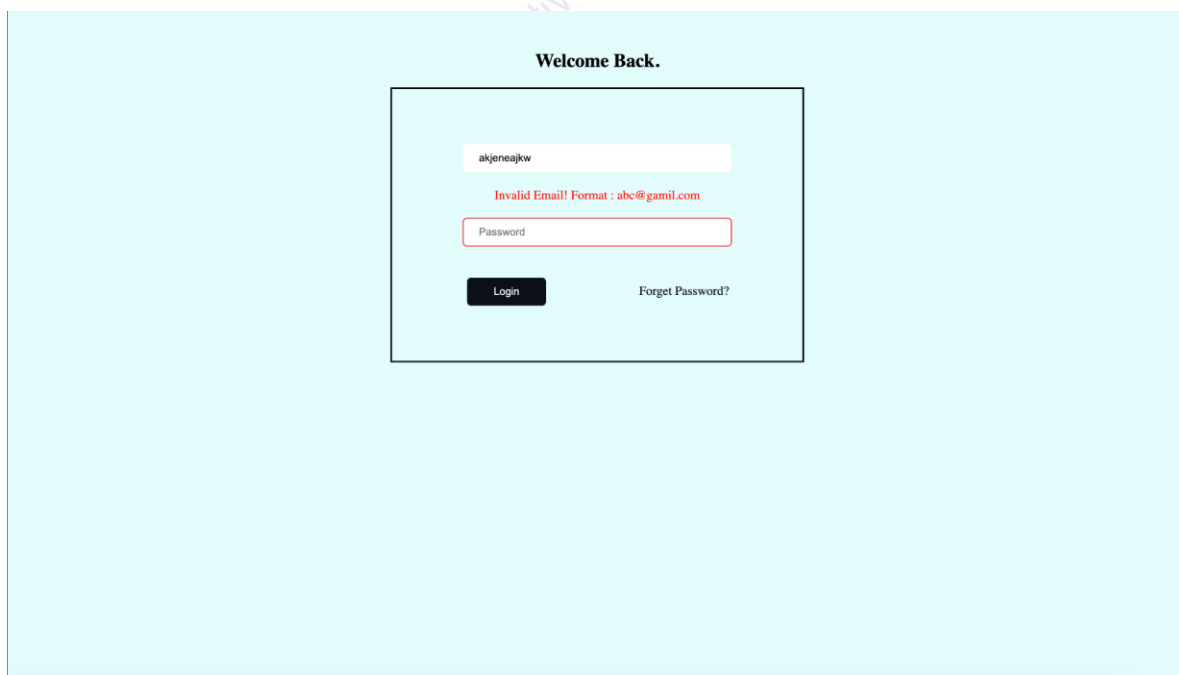


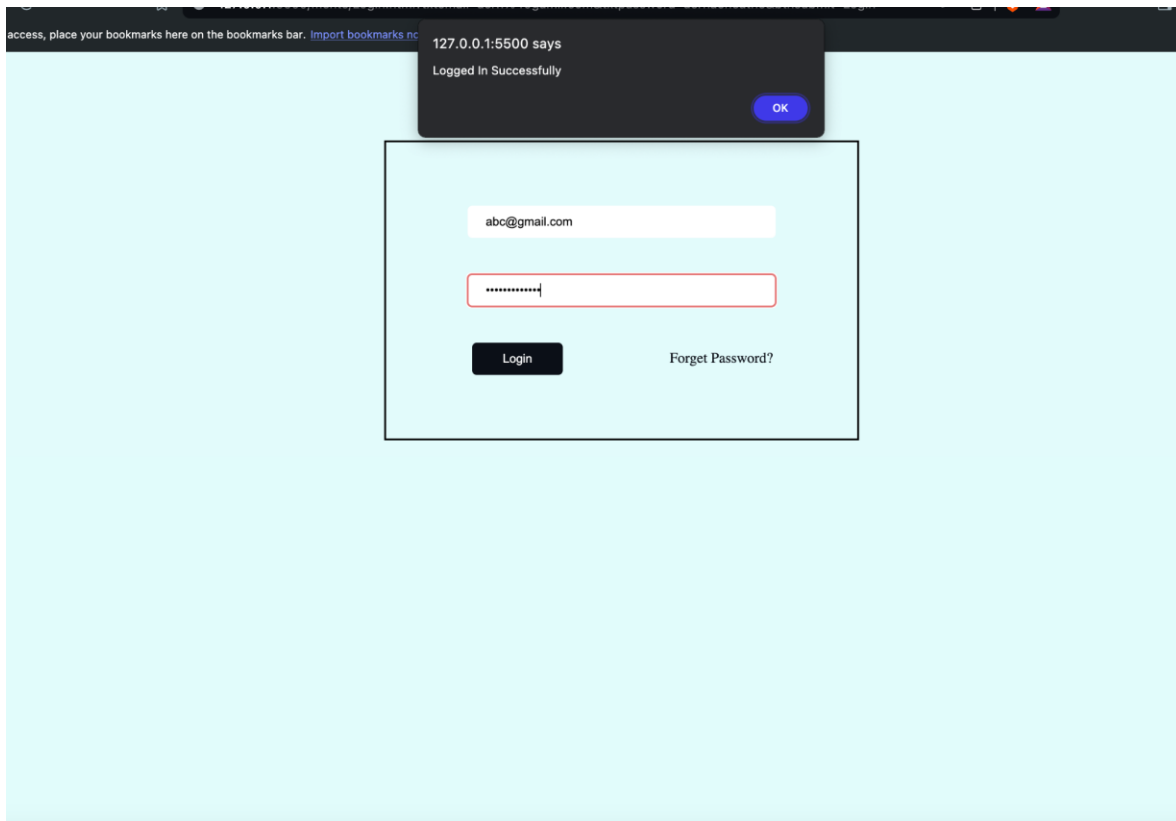
The screenshot shows a 'Create Account' form with the following elements and errors:

- Create Account.** (Section Header)
- Login using social networks** (Text)
- Social media icons: Google, Facebook, LinkedIn
- Name field:** Contains '2354abd'. Error: 'Enter correct name!'
- Number field:** Contains 'Number'. Error: 'Enter valid Number'
- Email field:** Contains 'agv435'. Error: 'Invalid Email! Format : abc@gamil.com'
- Password field:** Contains 'Password'. Error: 'Password is too short'
- Submit button:** A dark blue button labeled 'Submit'.



● Login Page





● Password Recovery Page

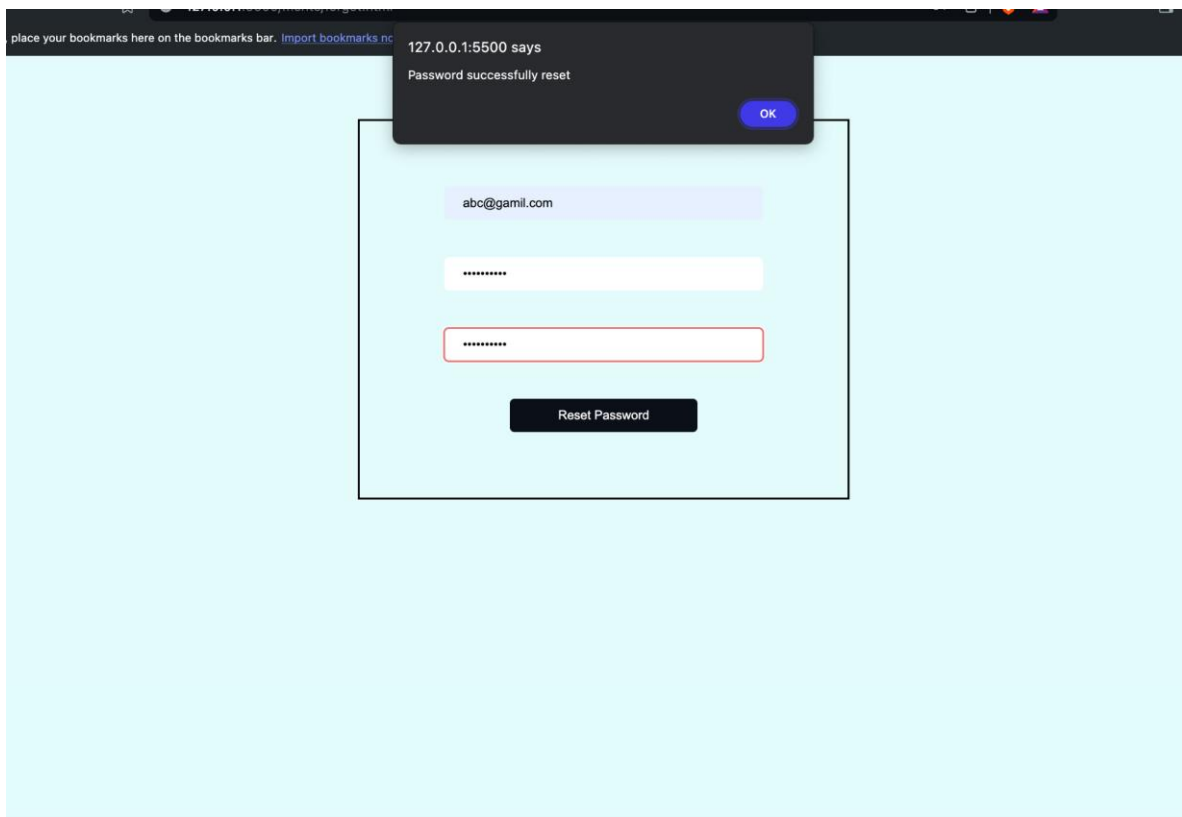
Forget Password

Invalid Email! Format : abc@gamil.com

Password is too short

Passwords does'nt match

Reset Password



- **Mentor Page**

Enter your Details.

485784395

Enter correct name

875469843579283424

Enter valid Number

54654tgrvfd

464564542439853

address

Submit

PART-3 (5 Marks)

Assignment – 3

Writing PHP code to make dynamic application, Integration of MySQL database and implementation of CRUD operations.

PHP CODES :

- Join Page

```
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $database = "Mentor";
    $con =
mysqli_connect($servername,$username,$password,$database);
    if(! $con){
        die("Sorry unable to connect.".mysqli_connect_error());
    }
    echo "Connection Successful";
    echo "<br>";

    // fetching details from join page
    $txtname = $_POST["txtname"];
    $txtnumber = $_POST["txtnumber"];
    $txtemail = $_POST["txtemail"];
    $txtpassword = $_POST["txtpassword"];

    $sql = "INSERT INTO `mentor data` VALUES ('$txtname',
'$txtnumber', '$txtemail', '$txtpassword')";

    $result = mysqli_query($con,$sql);
    if($result){
        header("Location:Login.html");
    }
    else{
        die("".mysqli_error($con));
    }
?>
```

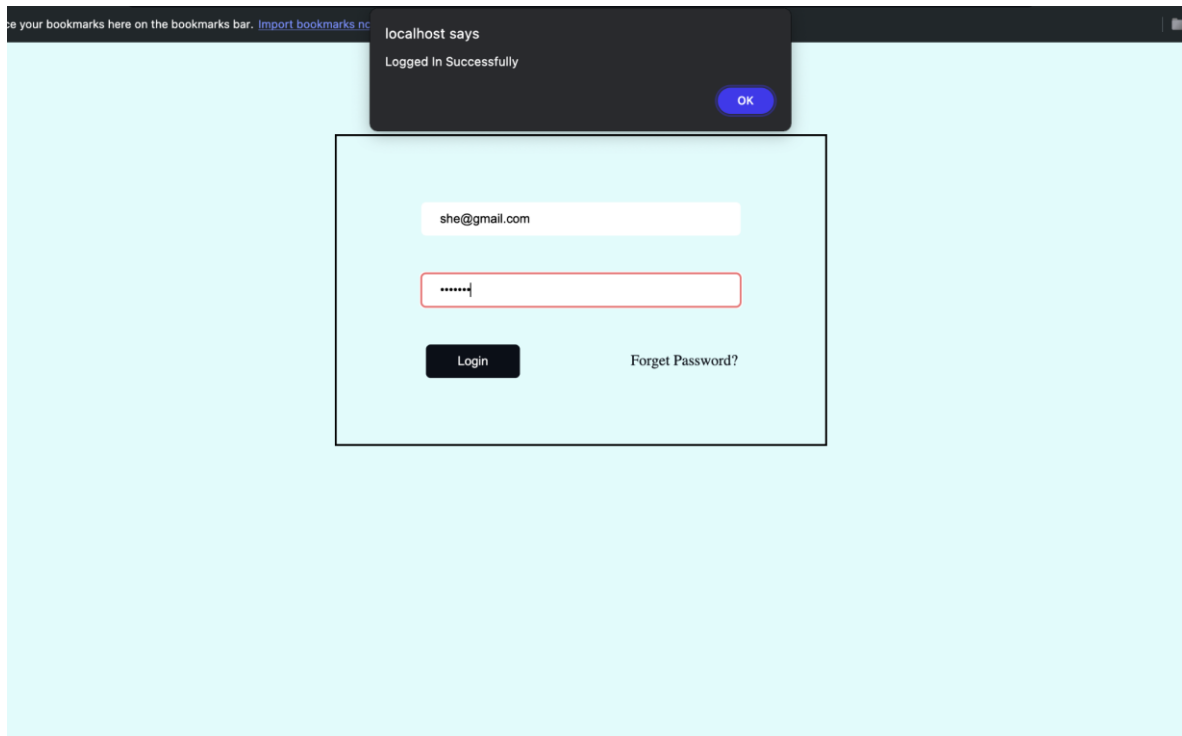
- Login Page

```
<?php
    $servername = "localhost";
    $username = "root";
    $password = "";
    $database = "Mentor";
    $con =
mysqli_connect($servername,$username,$password,$database);
    if(! $con){
        die("Sorry unable to connect.".mysqli_connect_error());
    }
    echo "Connection Successful";
    echo "<br>";
    // fetching details from join page
    $txtemail = $_POST["txtemail"];
    $txtpassword = $_POST["txtpassword"];
    $sql = "SELECT * FROM `mentor data` WHERE `Email` LIKE
'<txtemail' AND `Password` LIKE '$txtpassword'";
    $result = mysqli_query($con,$sql);

    if(mysqli_num_rows($result) > 0){
        echo "Data found";
        echo "<br>";
        $res = mysqli_fetch_assoc($result);
        echo "Name:". $res["Name"];
        echo "<br>";
        echo "Number:". $res["Number"];
        echo "<br>";
        echo "Email:". $res["Email"];
        echo "<br>";
        echo "Password:". $res["Password"];
        echo "<br>";
        header("Location:Home.html");
    }
?>
```

Results:

- **Join Page**




Connection Successfull
Data found
Name:shekar
Number:987654321
Email:she@gmail.com
Password:shekarr

● Login Page

Click here on the bookmarks bar. [Import bookmarks now](#)

localhost says
logged in successfully
OK



Connection Successfull
successfull

phpMyAdmin

Server: localhost Database: Mentor Table: mentor data

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 11 (12 total, Query took 0.0001 seconds)

SELECT * FROM `mentor data`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

Name	Number	Email	Password
Vishnu	1234567890	abc@gmail.com	vishnu
vk	751489	abc@gmail.com	vishnu
she	8594303	ajkf	iregaoj
shekar	987654321	she@gmail.com	shekarr
suraj	987654123	sur@gmail.com	sur
praven	1234509876	pra@gmail.com	pra
vishnu	1234567890	pqr@gmail.com	vkpra
sanjay	1234567890	s@gmail.com	as1
tarun	987654321	tar@gmail.com	jnvkejvelf
karthik	1234567890	kar@gmail.com	karthik098
karthik	1234567890	kar@gmail.com	karthik098
karthik	1234567890	kar@gmail.com	karthik098

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Console [] Let every user access this bookmark