Assignment -2

Assignment Date	19 September 2022
Student Name	Hari prasath B
Student Roll Number	61771921018
Maximum Marks	2 Marks

Add_user.html

```
<!DOCTYPE html>
                    <html lang="en">
                    <head>
                        <title>User Registration</title>
                        <style>
                            body{
                                margin-left: 45%;
                                scale: 1.3;
                                margin-top: 10%;
                            }
                        </style>
                    </head>
                    <body>
                        <a href="/home">Home</a> 
                        <a href="/deleteuser">Delete User</a> 
                        <a href="/adduser">Add user</a> 
                        <a href="/list">LIST</a><br><br>

                        <form action="{{url_for('addrec')}}" method="post">
                            Name: <br>
                            <input type="text" name="name"><br><br>
                            Address : <br>
                            <input type="text" name="address" id=""><br><br>
                            City : <br>
                            <input type="text" name="city" id=""><br><br>
                            Pincode : <br>
                            <input type="number" name="pin" maxlength="6"> <br><br>
                            <input type="submit">        <input type="reset" >

                        </form>
                    </body>
                    </html>
```

Base.html

```
<!DOCTYPE
html>
            <html>
            <head>
```

```
    {% block head %}
    {% endblock %}

<style>
body {
  margin: 0;
  font-family: Arial, Helvetica, sans-serif;
}

.topnav {
  overflow: hidden;
  background-color: #333;
}

.topnav a {
  float: left;
  color: #f2f2f2;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
  font-size: 17px;
}

.topnav a:hover {
  background-color: #ddd;
  color: black;
}

.topnav a.active {
  background-color: #2b76c2;
  color: white;
}
</style>
</head>
<body>

<div class="topnav">
  <a href="/home">Home</a>
  <a href="/signin">Signin</a>
  <a href="/signup">Signup</a>
  <a href="#about">About</a>
</div>
<hr><br><br>
{% block body %}
{% endblock %}
```

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

deluser

```html
<!DOCTYPE
html>
        <html lang="en">
        <head>
            <title>Delete User</title>
            <style>
                body{
                    scale: 1.3;
                    margin: 10% 30%;
                }
            </style>
        </head>
        <body>

            <a href="/home">Home</a> 
            <a href="/adduser">Add User</a> 
            <a href="/deleteuser">Delete User</a> 
            <a href="/list">LIST</a><br><br>

            <form action="{{url_for('delete')}}" method="post">
                Name: <br>
                <input type="text" name="name"><br><br>
                <input type="submit">
            </form>
        </body>
        </html>
```

Home.html

```html
{% extends
'base.html'
%}

        {% block head %}
        <link rel="stylesheet" type="text/css" href="style.css">
        <title>Landing Page Design Using HTML & CSS</title>
        <style>
    * {
        margin: 0;
        padding: 0;
```

```css
    font-family: 'Poppins', sans-serif;
}
.container {
    height: 100vh;
    width: 100%;
    background-image: url(/static/back.jpg);
    background-position: center;
    background-size: cover;
    padding-right: 3%;
    padding-left: 5%;
    box-sizing: border-box;
    position: relative;
}
.header {
    width: 100%;
    height: 15vh;
    margin: auto;
    display: flex;
    align-items: center;
}
.logo {
    width: 80px;
    margin-top: 10px;
    cursor: pointer;
}
nav {
    flex: 1;
    padding-left: 450px;
}
nav ul li {
    display: inline-block;
    list-style: none;
    margin: 0 15px;
}
nav ul li a {
    text-decoration: none;
    color: black;
    font-family: 'Poppins', sans-serif;
    text-transform: uppercase;
    font-size: 15px;
    font-weight: 600;
}
#btn1 {
    text-transform: uppercase;
    background: linear-gradient(to bottom, #378de5 3%, #48789b 50%);
    border-radius: 30px;
```

```css
        border: 1px solid #5e97d1;
        cursor: pointer;
        color: black;
        font-family: 'Poppins', sans-serif;
        font-size: 17px;
        font-weight: 700;
        padding: 12px 20px;
        margin: 10px;
        text-decoration: none;
        box-shadow: 1px 4px 12px rgba(94,28,68,.15);
        text-shadow: 0px 1px 0px #528ecc;
    }
    #btn2 {
        text-transform: uppercase;
        background: linear-gradient(to bottom, #339a96 2%, #fff 100%);
        border-radius: 30px;
        border: 1px solid #cbcbcb;
        cursor: pointer;
        color: black;
        font-family: 'Poppins', sans-serif;
        font-size: 17px;
        font-weight: 700;
        padding: 12px 20px;
        margin: 10px;
        text-decoration: none;
        box-shadow: 1px 4px 12px rgba(94,28,68,.15);
        text-shadow: 0px 1px 0px #cbcbcb;
    }
    .btn:hover {
        box-shadow: 3px 8px 22px rgba(94,28,68,.15);
        transform: scale(1.1);
        transition: .2s ease-in-out;
    }
    .content {
        position: relative;
        display: flex;
        width: 100%;
        align-items: center;
        justify-content: space-between;
    }
    .content .text {
        position: relative;
        max-width: 600px;
    }
    .content .text h1 {
        font-family: 'Poppins', sans-serif;
```

```css
        text-transform: uppercase;
        font-weight: 800;
        margin-top: 80px;
        line-height: 1.5em;
        letter-spacing: .1em;
        font-size: 40px;
        color: black;
    }
.content .text h1 span {
        font-size: 50px;
    }
.content .text p {
        font-size: 17px;
        font-weight: 600;
        letter-spacing: .1em;
        margin-top: 40px;
        color: black;
    }
.btn3 {
        background: linear-gradient(to bottom, #364b9e 2%, #fff 100%);
        margin-top: 60px;
        margin-left: 140px;
        padding: 15px 30px;
        text-align: center;
        transition: .5s;
        border: none;
        outline: none;
        text-transform: uppercase;
        color: black;
        font-size: 20px;
        font-weight: 700;
        border-radius: 30px;
        box-shadow: 1px 4px 12px rgba(94,28,68,.15);
    }
.pepsi {
        display: flex;
        height: 100%;
        position: absolute;
        width: 600px;
        margin-top: 80px;
        padding-left: 440px;
        justify-content: flex-end;
    }
    </style>
    {% endblock %}
```

```
{% block body %}
    <div class="container">
        <div class="header">
            <img src="/static/logo.png" class="logo">
            <nav>
                <ul>
                    <li><a href="">Home</a></li>
                    <li><a href="">Products</a></li>
                    <li><a href="/deleteuser">DELETE USER</a></li>
                    <li><a href="/adduser">ADD USER</a></li>
                    <li><a href="/list">List</a></li>
                </ul>
            </nav>
            <button class="btn" id="btn1">Log In</button>
            <button class="btn" id="btn2">Sign Up</button>
        </div>
        <div class="content">
            <div class="text">
            <h1>Be Young, Have Fun, <br> <span>Drink Pepsi</span></h1>
            <p>Pepsi is a carbonated soft drink manufactured by PepsiCo.
<br>Originally created and developed in 1893 by Caleb Bradham <br>and
introduced as Brad's Drink, it was renamed as Pepsi-Cola in 1898, and then
shortened to Pepsi in 1961.
            </p>
            <button class="btn3">Buy Now</button>
            </div>
        <div class="pepsi">
        <!-- <img src="/back.jpg" alt=""> -->
        </div>
        </div>
    </div>
    {% endblock %}
```

List.html

```
<!DOCTYPE
html>
<html lang="en">
<head>
    <title>Users List</title>
    <style>
        th{padding: 2px 15px;
        }
        body{
            scale: 1.3;
            margin: 5% 20%;
```

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

                <a href="/home">Home</a> 
                <a href="/adduser">Add user</a> 
                <a href="/deleteuser">Delete User</a> 
                <a href="/list">LIST</a><br><br>

                {{ msg }}
                <table border="4px" >
                    <thead>
                        <th>Name</th>
                        <th>Address</th>
                        <th>City</th>
                        <th>Pincode</th>
                    </thead>

                    {% for row in user %}

                    <tr>
                        <td>{{row["name"]}}</td>
                        <td>{{row["address"]}}</td>
                        <td>{{row["city"]}}</td>
                        <td>{{row["pin"]}}</td>
                    </tr>
                    {% endfor %}
                </table>
            </body>
            </html>
```

Signin.html

```
{% extends
'base.html'
%}

        {% block head %}
    <style>
    body {font-family: Arial, Helvetica, sans-serif;}
    form {border: 3px solid #f1f1f1;}

    input[type=text], input[type=password] {
      width: 100%;
      padding: 12px 20px;
      margin: 8px 0;
```

```css
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
}

button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
}

button:hover {
  opacity: 0.8;
}

.cancelbtn {
  width: auto;
  padding: 10px 18px;
  background-color: #f44336;
}

.imgcontainer {
  text-align: center;
  margin: 24px 0 12px 0;
}

img.avatar {
  width: 20%;
  border-radius: 50%;
}

.container {
  padding: 16px;
}

span.psw {
  float: right;
  padding-top: 16px;
}

/* Change styles for span and cancel button on extra small screens */
@media screen and (max-width: 300px) {
```

```
        span.psw {
            display: block;
            float: none;
        }
        .cancelbtn {
            width: 100%;
        }
    }
</style>
{% endblock %}




{% block body %}
<h2>Login Form</h2>

<form action="/action_page.php" method="post">
  <div class="imgcontainer">
    <img src="/static/avatar.png" alt="Avatar" class="avatar">
  </div>

  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw"
required>

    <button type="submit">Signin</button>
    <label>
      <input type="checkbox" checked="checked" name="remember"> Remember
me
    </label>
  </div>

  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw"> <a href="#">Forgot password?</a></span>
  </div>
</form>

{% endblock %}
```

Signup.html

```
{% extends
'base.html'
%}

        {% block head %}
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}

hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}

/* Set a style for all buttons */
button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}

button:hover {
  opacity:1;
}

/* Extra styles for the cancel button */
```

```
.cancelbtn {
  padding: 14px 20px;
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 50%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel button and signup button on extra small
screens */
@media screen and (max-width: 300px) {
  .cancelbtn, .signupbtn {
     width: 100%;
  }
}
</style>
{% endblock %}

{% block body %}

<form action="/action_page.php" style="border:1px solid #ccc">
  <div class="container">
    <h1>Sign Up</h1>
    <p>Please fill in this form to create an account.</p>
    <hr>

    <label for="email"><b>Email</b></label>
    <input type="text" placeholder="Enter Email" name="email" required>

    <label for="psw"><b>Password</b></label>
```

```html
        <input type="password" placeholder="Enter Password" name="psw"
    required>

        <label for="psw-repeat"><b>Repeat Password</b></label>
        <input type="password" placeholder="Repeat Password" name="psw-repeat"
    required>

        <label>
          <input type="checkbox" checked="checked" name="remember"
    style="margin-bottom:15px"> Remember me
        </label>

        <p>By creating an account you agree to our <a href="#"
    style="color:dodgerblue">Terms & Privacy</a>.</p>

        <div class="clearfix">
          <button type="button" class="cancelbtn">Cancel</button>
          <button type="submit" class="signupbtn">Sign Up</button>
        </div>
      </div>
    </form>
    {% endblock %}
```

App.py

```python
import
sqlite3
as sql
        from flask import Flask,render_template,redirect,url_for,session,request

        app=Flask(__name__)

        @app.route("/")
        def hello_page():
            return "Hello!!! How you doing!!"

        @app.route("/home")
        def homePage():
            return render_template('home.html')

        @app.route("/adduser")
        def addUser():
            return render_template('add_user.html')

        @app.route('/addrec',methods=['POST','GET'])
        def addrec():
```

```python
        if request.method=='POST':
            try:
                name = request.form['name']
                address = request.form['address']
                city = request.form['city']
                pin = request.form['pin']
                # print(name + address+city+pin)

                with sql.connect('users.db') as con:
                    # print("coming..........")
                    cur=con.cursor()
                    cur.execute("INSERT INTO users(name,address,city,pin)
VALUES(?,?,?,?)",(name,address,city,pin))
                    con.commit()
                    msg="Record added successfully"
            except:
                print("except................")
                con.rollback()
                msg="ERROR in insertion!"

            finally:
                return render_template('list.html',msg=msg)
                con.close()

@app.route("/deleteuser")
def deleteuser():
    return render_template('del_user.html')

@app.route("/delete",methods=['POST','GET'])
def delete():
    if request.method=='POST':
        try:
            name = request.form['name']
            msg="NULL"
            with sql.connect('users.db') as con:
                cur=con.cursor()
                sql="Delete from users where name='SIVASUBRAMANIAN S'"
                # name=("{name}",)
                cur.execute(sql)
                con.commit()
                msg="Record deleted successfully"
        except:
            print("except................")
            con.rollback()
            msg="ERROR in deletion!"
```

```python
        finally:
            return render_template('list.html',msg=msg)
            con.close()


@app.route("/list")
def list():
    con=sql.connect('users.db')
    con.row_factory=sql.Row

    cur=con.cursor()
    cur.execute('select * from users')

    user=cur.fetchall()
    return render_template("list.html",user=user)




@app.route("/about")
def aboutPage():
    return "about Page !!!"

@app.route("/signin")
def signinPAGE():
    return render_template('signin.html')




@app.route("/signup")
def signupPAGE():
    return render_template('signup.html')




@app.route("/admin")
def admin():
    return "Admin Page"

@app.route("/hello/<name>")
def hello_users(name):
    return "Hello!! %s" %name




@app.route("/user/<name>")
def hello_user(name):
    if name=='admin':
        return redirect(url_for('admin'))
    else:
```

```
                    return redirect(url_for('hello_users',name=name))



        if __name__=='__main__':
            app.run(host='0.0.0.0',port=5000,debug=True)
```

Sqlite_setup_dp.py

```
import
sqlite3

        conn=sqlite3.connect('users.db')
        print('Database opened successfully')

        conn.execute('CREATE TABLE USERS (name TEXT,address TEXT,city TEXT, pin
        NUMBER)')
        print('Table created successfully')
        conn.close()
```