Assignment -2

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

Question:

1. Create a Flask App

2. Add the Home page, About Page

3. Add the Bootstrap

4. Add the Sign in page and Add the Signup Page

Solution:

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')
```

```python
@app.route('/addrec',methods=['POST','GET'])
def addrec():
    if request.method=='POST':
        try:
            name = request.form['name']
            address = request.form['address']
            city = request.form['city']
            pin = request.form['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:
```

```python
        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!"

    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 "<img src='static/preview.jpg'>"
```

```python
@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)
```

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>
```

```css
<style>
* {
    margin: 0;
    padding: 0;
    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;
```

```css
        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;

    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;

}
```

```css
#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;
```

```css
        }
        .content .text h1 {

            font-family: 'Poppins', sans-serif;

            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>
```

```html
        </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 %}
```

base.html

```html
<!DOCTYPE html>

<html>

<head>

  {% block head %}

  {% endblock %}


<style>

body {

 margin: 0;

 font-family: Arial, Helvetica, sans-serif;

}
```

```css
.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>
```

```html
  <a href="/signup">Signup</a>

  <a href="#about">About</a>

</div>

<hr><br><br>

{% block body %}

{% endblock %}

</body>

</html>
```

signin.html

```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;

  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%;
```

```css
    }

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 {
```

```css
  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;

}
```

```css
/* 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>
    <input type="password" placeholder="Enter Password" name="psw" required>

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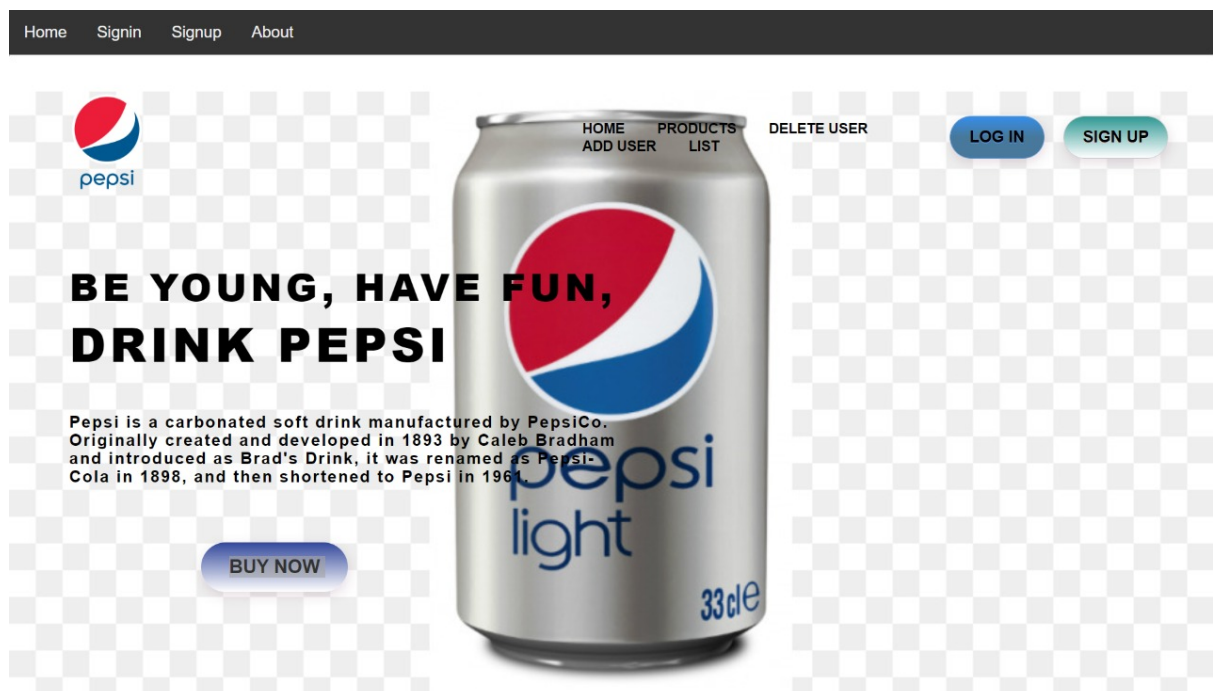
```
    <input type="password" placeholder="Repeat Password" name="psw-repeat" required>


    <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 %}
```
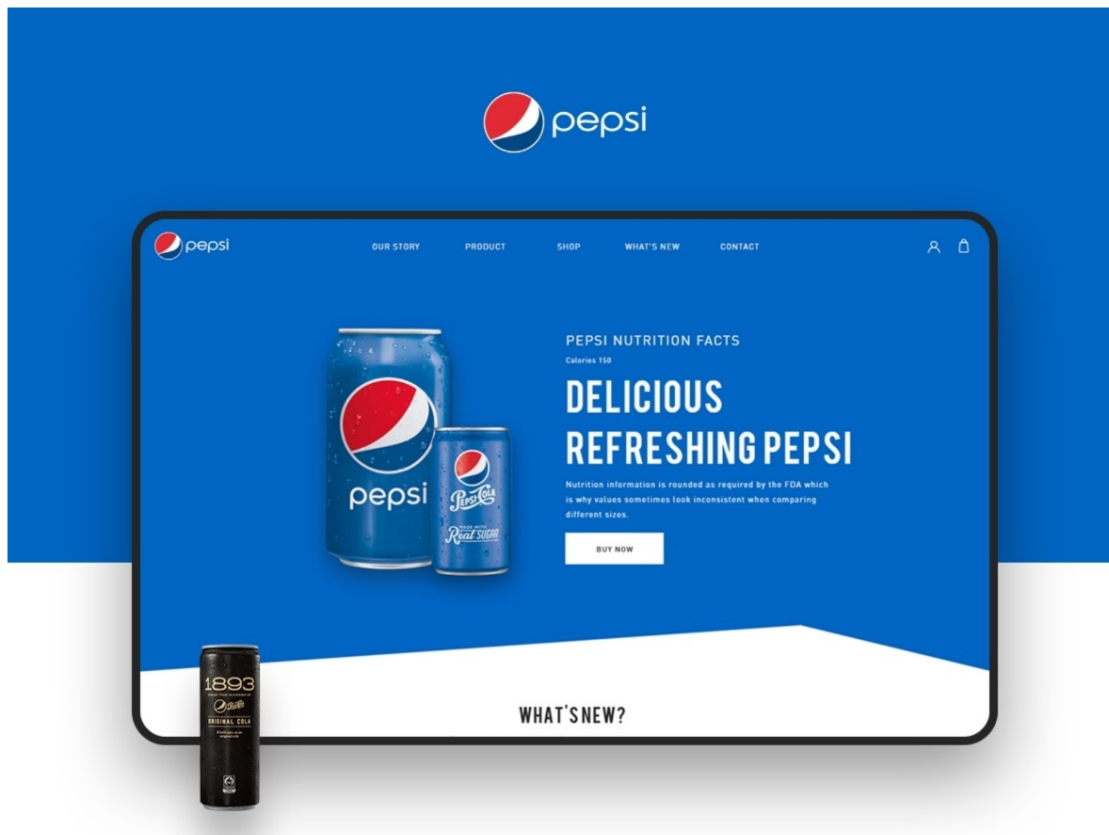
Sample Screenshot:

(Home)

(About)

(Sign in)

Login Form

Username

Enter Username

Password

Enter Password

Signin

☑ Remember me

Cancel

Forgot password?

(Sign up)

Sign Up

Please fill in this form to create an account.

Email

Enter Email

Password

Enter Password

Repeat Password

Repeat Password

☑ Remember me

By creating an account you agree to our Terms & Privacy.

| Cancel | Sign Up |