

Assignment -2

Assignment Date	19 September 2022
Student Name	Aravind C
Student Roll Number	61771921003
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

```
from re import T
```

```
from flask import Flask,render_template,flash,redirect,url_for,session,request
```

```
import sqlite3
```

```
app=Flask(__name__)
```

```
app.secret_key="123"
```

```
con=sqlite3.connect("database.db")
```

```
con.execute("create table if not exists customer(pid integer primary key,name text,address text,contact integer,mail text)")
```

```
con.close()
```

```
@app.route("/")
```

```
def homePage():
```

```
    return render_template('home.html')
```

```
@app.route("/about")
```

```

def aboutPage():
    return "about Page !!!"

@app.route("/signin",methods=["GET","POST"])
def signinPAGE():
    if request.method=='POST':
        name=request.form['name']
        password=request.form['password']
        con=sqlite3.connect("database.db")
        con.row_factory=sqlite3.Row
        cur=con.cursor()
        cur.execute("select * from customer where name=? and mail=?",(name,password))
        data=cur.fetchone()

        if data:
            session["name"]=data["name"]
            session["mail"]=data["mail"]
            return redirect("home")
        else:
            flash("Username and Password Mismatch","danger")
    return render_template('signin.html')

@app.route("/signup",methods=['GET','POST'])
def signupPAGE():
    if request.method=='POST':
        try:
            name=request.form['name']
            address=request.form['address']
            contact=request.form['contact']
            mail=request.form['mail']

```

```
        con=sqlite3.connect("database.db")

        cur=con.cursor()

        cur.execute("insert into
customer(name,address,contact,mail)values(?,?,?,?)",(name,address,contact,mail))

        con.commit()

        flash("Record Added Successfully","success")

    except:

        flash("Error in Insert Operation","danger")

    finally:

        return redirect(url_for("home"))

        con.close()

    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=3000,debug=True)
```

home.html

```
{% extends 'base.html' %}  
  
{% block head %}  
<title></title>  
<style>  
    *{  
        border: 0;  
        margin: 0;  
    }  
    body{  
        background-image: url(../static/backG.jpg);  
    }  
    img{  
        height: 100px;  
        width: 100px;  
        padding-left: 30px ;  
    }  
    .home{  
  
        width: auto;  
    }  
    .logo{  
        display: flex;  
  
    }  
    .logo h1{
```

```

        align-items: center;

        padding: 15px;

        font-size: 60px;

    }

    .pur{

        color: #333;

        display: flex;

        flex-direction: column;

        gap: 20px;

        text-align: center;

        align-items: center;

        margin: 10% 30%;

        font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;

    }

    .pur button{

        background-color: green;

        color: #fff;

        height: 50px;

        padding: 10px;

        border-radius: 5px;

    }

</style>

{% endblock %}

{% block body %}

<div class="home">

    <div class="logo">

        <h1>Sports</h1>

    </div>

    <div class="pur">

```

```
<h1>ALL SPORTS PRODUCTS IN ONE SHOP</h1>
```

```
<p>Popular soccer jerseys, shoes, football kits are available at low cost.
```

```
Specific players printed name and number jersey's are available.
```

```
One Stop for all your sports needs. Only One Condition Here: Lionel Messi is the one and  
only the Greatest of all Time. </p>
```

```
<button>PURCHASE NOW</button>
```

```
</div>
```

```
</div>
```

```
{% endblock %}
```

about.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
{% endblock %}
```

```
<style>
```

```
body {  
    margin: 0;  
    font-family: 'Times New Roman', Times, serif;  
}
```

```
.Navbar {  
    display: flex;  
    gap: 10px;  
    overflow: hidden;  
    background-color: #333;  
}
```

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

a:hover {
    background-color: #ddd;
    color: black;
}
</style>
</head>

<body>

<div class="Navbar">
    <a href="/">HOME</a>
    <a href="/signin">SIGN-IN</a>
    <a href="/signup">SIGN-UP</a>
    <a href="#about">ABOUT</a>
</div>

<br><br>
{% block body %}
{% endblock %}

</body>
</html>
```

signin.html

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

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

```
<title></title>
```

```
<style>
```

```
    .log-in{
```

```
        margin: 10% 37%;
```

```
        border: 4px solid #333;
```

```
        border-radius: 5px;
```

```
    }
```

```
    .top{
```

```
        background-color: #333;
```

```
        color: white;
```

```
        text-align: center;
```

```
        height: 20px;
```

```
        padding: 15px;
```

```
    }
```

```
    .down{
```

```
        padding: 20px;
```

```
        display: flex;
```

```
        flex-direction: column;
```

```
        gap: 10px;
```

```
    }
```

```
    button{
```

```
        /* width: 50px; */
```

```
        height: 30px;
```

```
        border-radius: 3px;
```



```

        background-color: #333;

        color: white;
    }
</style>
{% endblock %}
{% block body %}
<div class="log-in">
    <div class="top">
        <span>LOG IN</span>
    </div>
    <div class="down">
        <form action="">
            <label for="email">Email</label><input type="text">
            <label for="password">Password</label>
            <input type="password" name="" id="">
            <div class="che"><input type="checkbox" name="" id=""><label for="">remember
me</label></div>
            <button type="submit">Log in</button>
        </form>
    </div>
</div>

{% endblock %}

```

signup.html

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

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

```
<title></title>
```

```
<style>
```

```
.log-in{
```

```
margin: 10% 37%;

border: 4px solid #333;

border-radius: 5px;

}

.top{

background-color: #333;

color: white;

text-align: center;

height: 20px;

padding: 15px;

}

.down{

padding: 20px;

display: flex;

flex-direction: column;

gap: 10px;

}

button{

/* width: 50px; */

height: 30px;

border-radius: 3px;

background-color: #333;

color: white;

}

</style>

{% endblock %}

{% block body %}

<div class="log-in">

    <div class="top">

        <span>SIGN UP</span>
```

```

</div>

<div class="down">

  <label for="email">Email</label><input type="text">

  <label for="password">Password</label>

  <input type="password" name="" id="">

  <label for="password">Confirm Password</label>

  <input type="password" name="" id="">

  <div class="che"><input type="checkbox" name="" id=""><label for="">remember
me</label></div>

  <button type="submit">Sign-up</button>

</div>

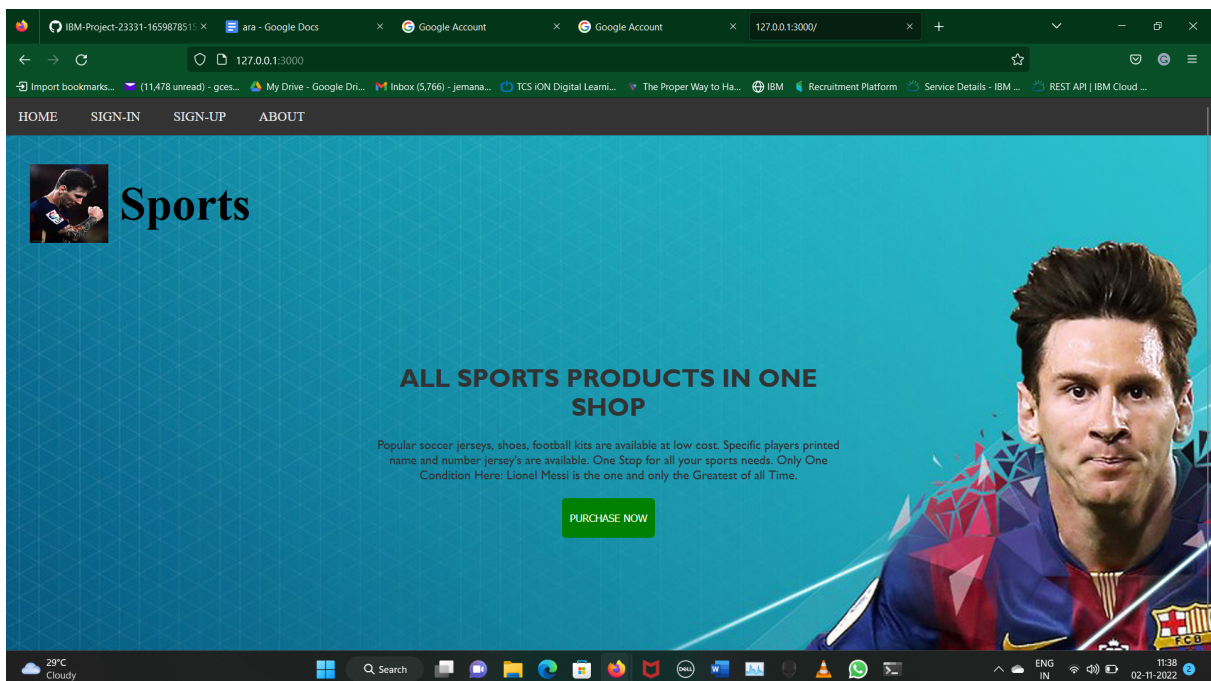
</div>

{% endblock %}

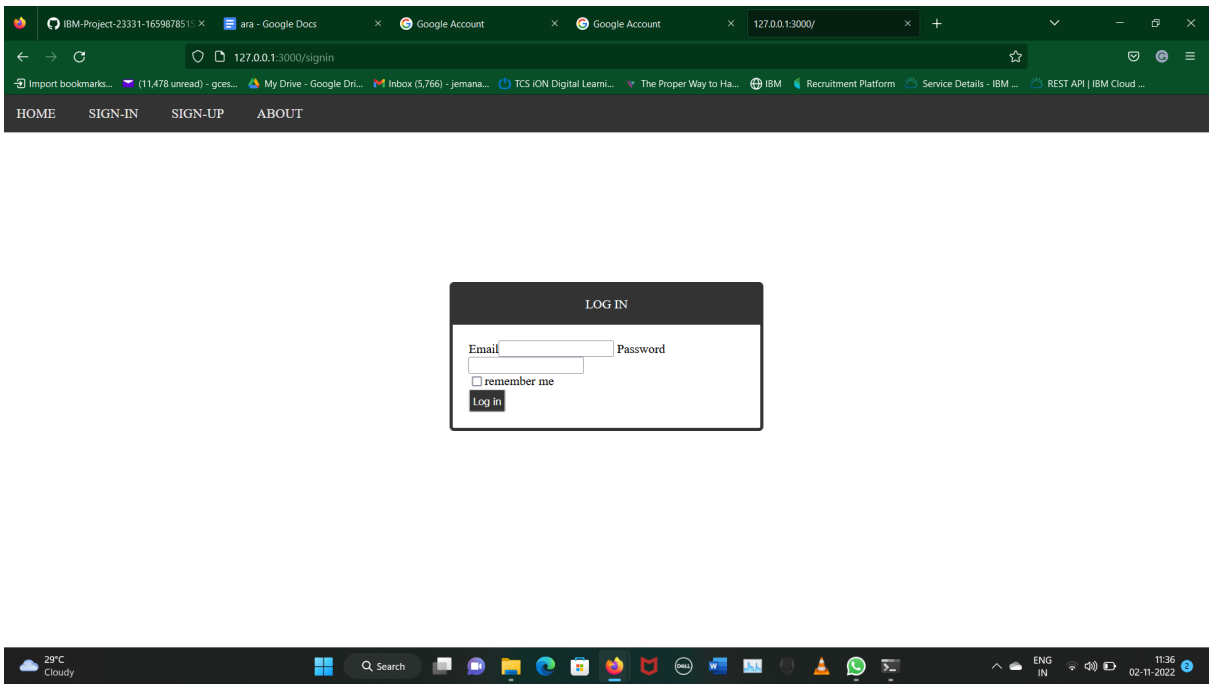
```

Sample Screenshot:

(Home)



(Sign in)



(Sign up)

