

Assignment -2

Flask App

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

Question-1:

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)
```

base.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>

```

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 %}

```

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 %}

```

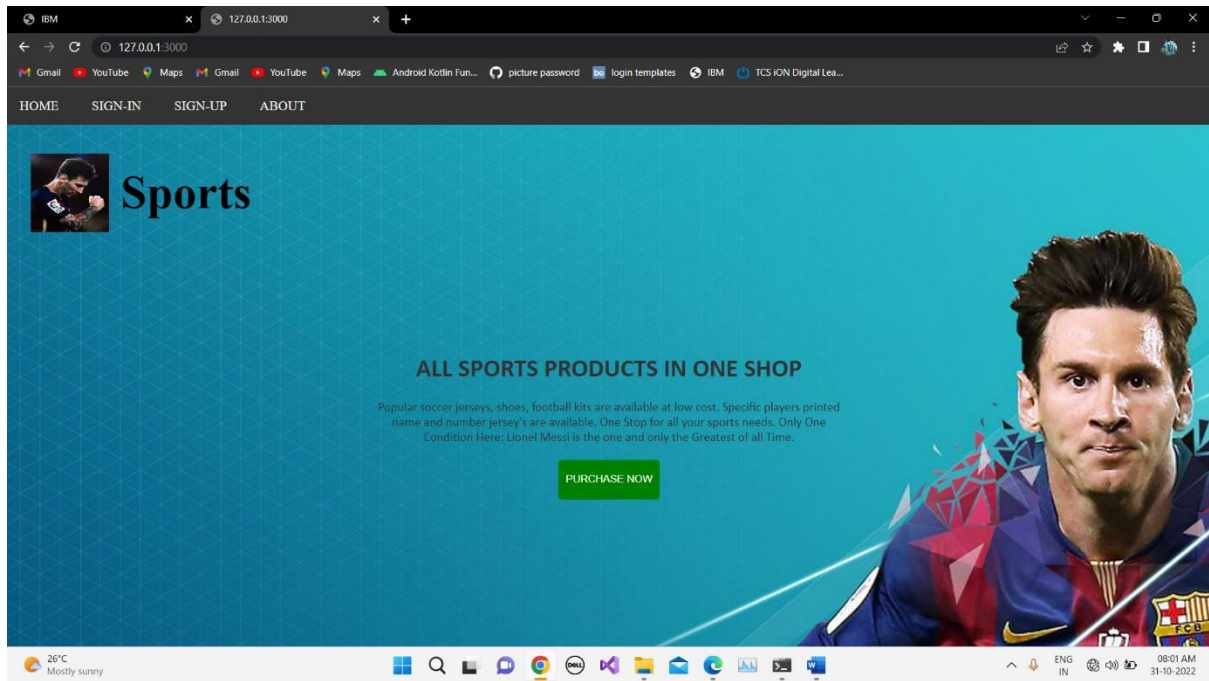
Signup.html

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

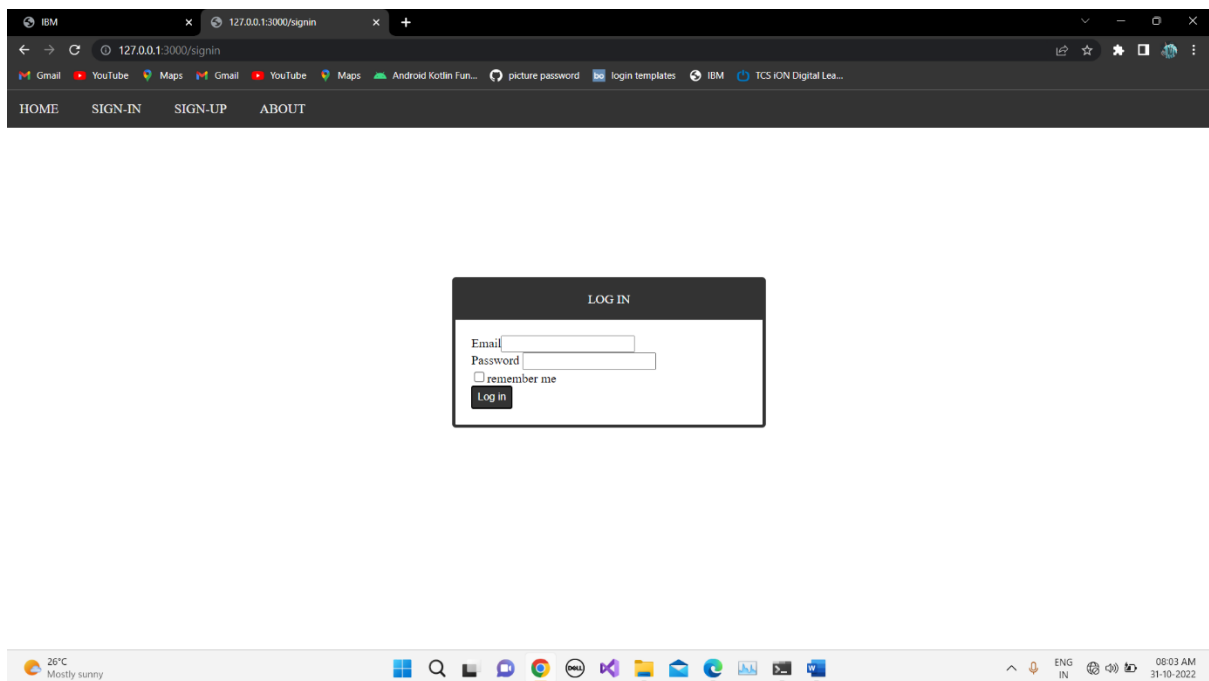

{% endblock %}

OUTPUT :

Home Page :



Sign in Page :



Signup Page :

IBM 127.0.0.1:3000/signup

HOME SIGN-IN SIGN-UP ABOUT

SIGN UP

Email

Password

Confirm Password

☐ remember me

Sign up

26°C Mostly sunny 08:03 AM 31-10-2022