

Assignment -2

Assignment Date	04 october 2022
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Maximum Marks	2 Marks

Question:

Create a Flask app Add the Home page , About page Add the Bootstrap, Add the Sign in page and Add the Signup Page .

Solution :

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

```
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,password text)")
```

```
con.close()
```

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

```
def index():
```

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

```
@app.route('/login',methods=["GET","POST"])
```

```
def login():
```

```
    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 password=?", (name,password))

data=cur.fetchone()


if data:

    session["name"]=data["name"]

    session["password"]=data["password"]

    return redirect("customer")

else:

    flash("Username and Password Mismatch","danger")

return redirect(url_for("index"))


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

    return render_template("customer.html")


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

    if request.method=='POST':

        try:

            name=request.form['name']

            address=request.form['address']

            contact=request.form['contact']

            password=request.form['password']

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

            cur=con.cursor()

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

            con.commit()

```

```
        flash("Record Added Successfully", "success")
    except:
        flash("Error in Insert Operation", "danger")
    finally:
        return redirect(url_for("index"))
        con.close()

return render_template('register.html')

@app.route('/logout')
def logout():
    session.clear()
    return redirect(url_for("index"))

if __name__ == '__main__':
    app.run(port=5000)
```