

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)
```