Assignment -2

Assignment Date	04 october 2022
Student Name	SURYAPRAKASH M
Student Roll Number	927619BIT4112
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")

```python
        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()
```

```python
            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)
```