

Assignment -2

Assignment Date	25 September 2022
Student Name	Micheal Raj A
Student Roll Number	912419104017
Maximum Marks	2 Marks

Question:

Create a Flask app Add the Home page , About page Add the Bootstrap, Add the Signin 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()

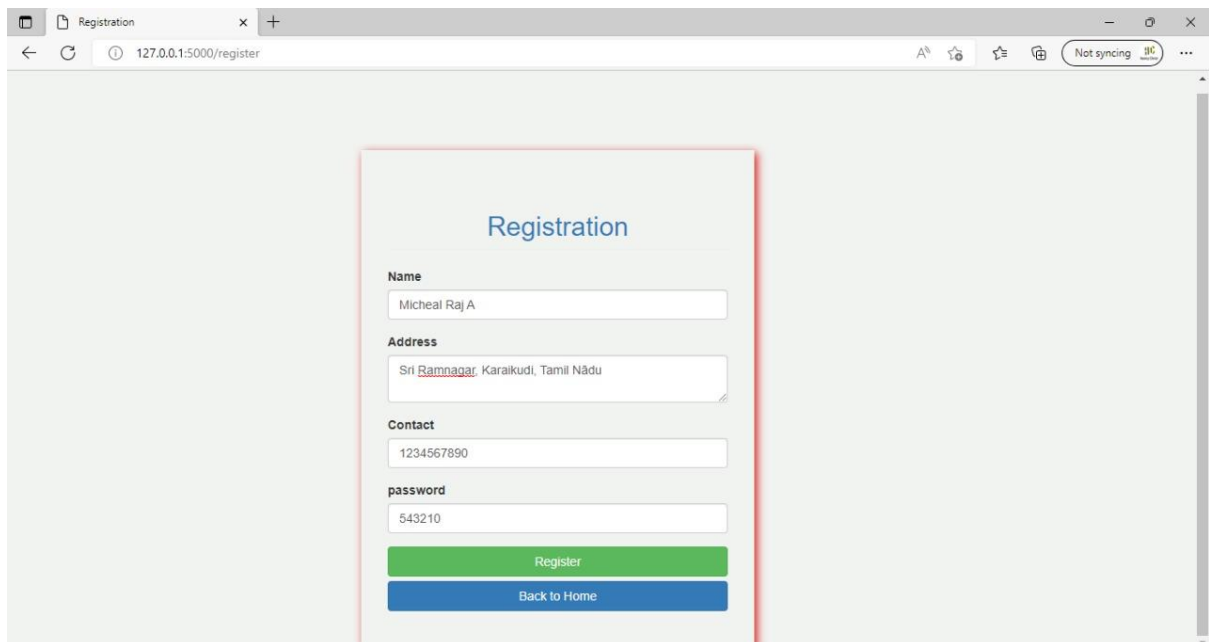
```

```
        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)
```



The screenshot shows a web browser window with the title "Registration" and the address bar displaying "127.0.0.1:5000/register". The browser's address bar also shows "Not syncing" and a "..." menu icon. The registration form is centered on the page and has a light gray background. It contains the following fields and buttons:

- Registration** (Title)
- Name**: Input field with the value "Micheal Raj A".
- Address**: Input field with the value "Sri Ramnagar, Karaikudi, Tamil Nādu".
- Contact**: Input field with the value "1234567890".
- password**: Input field with the value "543210".
- Register**: A green button.
- Back to Home**: A blue button.

