**Assignment -2**

**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)