

## Assignment -2

Assignment Date	04 October 2022
Student Name	Ignecia Rathna M
Student Roll Number	953419104301
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)

```

#### About.html

```

<!DOCTYPE html><html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,initial-scale=1">
    <title>About Page</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>
    <nav class="navbar navbar-expand-lg bg-light" style="background-color: #b5dbf7;">
        <!-- Navbar content -->
        <div class="container-fluid">
            <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
                <div class="navbar-nav">
                    <a class="nav-link" href="{{url_for('home')}}">Home</a>
                    <a class="nav-link active" aria-current="page" href="#">About</a>
                    <a class="nav-link" href="{{url_for('signin')}}">Sign In</a>
                    <a class="nav-link" href="{{url_for('signup')}}">Sign up</a>

```

```

</div></div></div></nav><br><br>
    <footer>
    <h2><b>I am IGNECIA RATHNA from VV College Of Engineering</b></h2><hr>
    <p>To work in a firm with a professional work driven environment where I can utilize and apply
my knowledge,<br> skills which would enable me as a fresh graduate to grow while fulfilling
organizational goals.</p></footer>
</body>
</html>

```

Home.html

```

<!DOCTYPE html>
<html lang="en"><head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,initial-scale=1">
    <title>Home Page</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css"
rel="stylesheet"></head>
<body>
    <nav class="navbar navbar-expand-lg bg-light" style="background-color: #e3f2fd;">
        <!-- Navbar content -->
        <div class="container-fluid">
            <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
                <div class="navbar-nav">
                    <a class="nav-link active" aria-current="page" href="#">Home</a>
                    <a class="nav-link" href="{{url_for('about')}}">About</a>
                    <a class="nav-link" href="{{url_for('signin')}}">SignIn</a>
                    <a class="nav-link" href="{{url_for('signup')}}">SignUp</a>
                </div></div></div></nav><br><br>
            <div><h4><b>Welcome to My Project!!!</B></h4></div>
        </body>
</html>

```

SignIn.html

```

<!DOCTYPE html>
<html lang="en"><head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,initial-scale=1">
    <title>SignIn</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css"
rel="stylesheet"></head>
<body>
    <nav class="navbar navbar-expand-lg bg-light" style="background-color: #e3f2fd;">
        <!-- Navbar content -->
        <div class="container-fluid">
            <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
                <div class="navbar-nav">
                    <a class="nav-link " href="{{url_for('home')}}">Home</a>
                    <a class="nav-link" href="{{url_for('about')}}">About</a>
                    <a class="nav-link active" aria-current="page" href="#">SignIn</a>
                    <a class="nav-link" href="{{url_for('signup')}}">SignUp</a>
                </div></div></div></nav>
            <div class="text-center my-5">

```



```

<div class="container-fluid">
  <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
    <div class="navbar-nav">
      <a class="nav-link" href="{{url_for('home')}}">Home</a>
      <a class="nav-link" href="{{url_for('about')}}">About</a>
      <a class="nav-link" href="{{url_for('signin')}}">SignIn</a>
      <a class="nav-link active" aria-current="page" href="#">SignUp</a>
    </div></div></div></nav>
<div class="text-center my-5" style="background-image:
url('https://png.pngtree.com/thumb_back/fh260/background/20200714/pngtree-modern-double-
color-futuristic-neon-background-image_351866.jpg');
background-repeat: no-repeat;
background-size: cover;">
  <section class="h-100">
    <div class="container h-100">
      <div class="row justify-content-sm-center h-100">
        <div class="col-xxl-4 col-xl-5 col-lg-5 col-md-7 col-sm-9">
          <div class="text-center my-5"></div>
          <div class="card shadow-lg">
            <div class="card-body p-5">
              <h1 class="fs-4 card-title fw-bold mb-4">Register</h1>
              <form method="POST" class="needs-validation" novalidate="" autocomplete="off">
                <div class="mb-3">
                  <label class="mb-2 text-muted" for="name">Name</label>
                  <input id="name" type="text" class="form-control" name="name" value="" required autofocus>
                  <div class="invalid-feedback"> Name is required</div></div>
                  <div class="mb-3">
                  <label class="mb-2 text-muted" for="email">E-Mail Address</label>
                  <input id="email" type="email" class="form-control" name="email" value="" required>
                  <div class="invalid-feedback"> Email is invalid</div></div>
                  <div class="mb-3">
                  <label class="mb-2 text-muted" for="password">Password</label>
                  <input id="password" type="password" class="form-control" name="password" required>
                  <div class="invalid-feedback"> Password is required</div></div>
                  <p class="form-text text-muted mb-3"> By registering you agree with our terms and
condition</p>
                  <div class="align-items-center d-flex">
                    <button type="submit" class="btn btn-primary ms-auto"> Register</button></div>
                </form></div>
                <div class="card-footer py-3 border-0">
                  <div class="text-center">
                    Already have an account? <a href="{{url_for('signin')}}" class="text-dark">Login</a>
                  </div>
                </div></div></div></div></div></div></div></div></div></div>
</div>
</body>
</html>

```

Output:

### About Page:



## I am IGNECIA RATHNA from VV College Of Engineering

---

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

### Home Page:



**Welcome to My Project!!!**

---

## SignIn Page:



**Login**

E-Mail Address

Password [Forgot Password?](#)

☐ Remember Me

Don't have an account? [Create One](#)

## SignUp Page:

**Register**

Name

E-Mail Address

Password

☐ By registering you agree with our terms and condition.

Already have an account? [Login](#)