

ASSIGNMENT

Question:

1. Create a Flask App
2. Add the Home page, About Page
3. Add the bootstrap
4. Add the Signin page and App the Signup Page

Base.html

```
<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width,initial-scale=1">

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
Rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTPkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
Integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHl7NnikvbZlHgTPOOmMi466C8"
Crossorigin="anonymous"></script>

<!--<link rel="stylesheet" href="static/css/style.css"-->

{% block head %} {% endblock %}

</head>

<body><nav class="navbar navbar-expand-lg bg-light">
```

```
<div class="container-fluid">

<a class="navbar-brand" href="chat">chat</a>

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-
btarget="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false"

aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav me-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="home">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="signup">signup</a>

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown"
aria-expanded="false">

Dropdown

</a>

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="about">About</a></li>

<li><a class="dropdown-item" href="blog">blog</a></li>

<li><hr class="dropdown-divider"></li>

<li><a class="dropdown-item" href="signin">Signin</a></li>

</ul>

</li>

<li class="nav-item">

<a class="nav-link disabled">disabled</a>

</li>

</ul>
```

```

<form class="d-flex" role="search">
<input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">
<button class="btn btn-outline-success" type="submit">Search</button>
</form>
</div>
</div>
</nav>
<div class="container mt-5">
{% block body %} {% endblock %}
</div>
</body>
</html>

```

Signin.html

```

{% extends 'base.html' %}
{% block head %}
<title>Signin page</title>
{% endblock %}
{% block body %}
<h2>Signup Forms</h2>
<form action="/signin">
<label for="fname">First name:</label><br>
<input type="text" id="fname" name="fname" class="form-control" ><br>
<label for="lname">Last name:</label><br>
<input type="text" id="lname" name="lname" class="form-control"><br><br>
<input type="submit" value="Submit">
</form>
<p>If you click the "Submit" button, the form-data will be sent to a page called
"/action_page.php".</p>
{% endblock %}

```

App.py

```
from flask import Flask, url_for, render_template, request, redirect
from markupsafe import escape
```

```
app = Flask(__name__)
app.config['SECRET_KEY']="KIU54RYBMKLO8321S"
all_posts= [
    {
        'title':"Blog post 1",
        'content': "This is first Post",
        'author':"DEV"
    },
    {
        'title':"Blog post 2",
        'content':"This is second Post"
    }
]
```

```
@app.route("/")
def index():
    return '<h1>Welcome to home Page</h1>'
```

```
@app.route("/login")
def login():
    return 'login'
```

```
@app.route('/blog')
def blog():
    return render_template('blog.html', posts=all_posts)
```

```
#dynamic routing
```

```
@app.route("/users/<username>")
def profile(username):
    return render_template('profile.html', username=username)
```

```
@app.route("/signin")
def signin():
    return render_template('signin.html')
```

```
@app.route("/signup")
def signup():
    return render_template('signup.html')
```

```
@app.route("/home")
def homepage():
    return render_template('home.html')
```

```
@app.route("/about")
def about():
    return render_template('about.html')
```

```
messages = [{'title': 'Message One',
              'content': 'I am
              Dhanrajprabu'},
             {'title': 'Message Two',
              'content': 'FLASK APP DEMO'}
            ]
```

```
@app.route("/chat")
def chat():
    return render_template("chat.html", messages=messages)
```

SIGNUP.HTML

```
{% extends "base.html" %}

{% block title %}Signuppage{% endblock %}

{% block body %}

<body>

<!-- Main div code -->

<div id="main">

<div class="h-tag">

<h2>Create Your Account</h2>

</div>

<!-- create account div -->

<div class="login">

<table cellspacing="2" align="center" cellpadding="8" border="0">

<tr>

<td align="right">Enter Name :</td>

<td><input type="text" placeholder="Enter user here" class="tb" /></td>

</tr>

<tr>

<td align="right">Enter Email ID :</td>

<td><input type="text" placeholder="Enter Email ID here" class="tb" /></td>

</tr>

<tr>

<td align="right">Enter Username :</td>

<td><input type="text" placeholder="Enter Username here" class="tb" /></td>

</tr>

<tr>

<td align="right">Enter Password :</td>

<td><input type="password" placeholder="Enter Password here" class="tb" /></td>

</tr>

<tr>
```

```

<td align="right">Enter Confirm Password :</td>
<td><input type="password" placeholder="Enter Password here" class="tb" /></td>
</tr>
<tr>
<td></td>
<td>
<input type="reset" value="Clear Form" id="res" class="btn" />
<input type="submit" value="Create Account" class="btn" /></td>
</tr>
</table>
</div>
<!-- create account box ending here.. ->
</div>
<!-- Main div ending here... ->
</body>
{% endblock %}

```

ABOUT.HTML

```

{% extends "base.html" %}
{% block title %}Aboutpage{% endblock %}

{% block body %}

<div class="about-section">
  <h1>About Us Page</h1>
  <p>personal expense tracker application</p>
  <p>Dinesh Karthick(teamlead)</p>
</div>

<h2 style="text-align:center">Our Team</h2>
<div class="row">
  <div class="column">

```

```
<div class="card">

  <div class="container">

    <h2>Bharathipriyan B</h2>

    <p class="title">tester</p>

    <p>teammember1.</p>

    <p> bharathipriyan2445@gmail.com</p>

    <p><button class="button">Contact</button></p>

  </div>

</div>

</div>
```

```
<div class="column">

  <div class="card">

    <div class="container">

      <h2>Dhanrajprabu.v </h2>

      <p class="title">software developer</p>

      <p>team member2</p>

      <p>ghanrajprabu007@gmail.com</p>

      <p><button class="button">Contact</button></p>

    </div>

  </div>

</div>
```

```
<div class="column">

  <div class="card">

    <div class="container">

      <h2>Ajithkumar.M </h2>

      <p class="title">frontend developer</p>
```



```
<p>team member3</p>

<p><a href="mailto:ajithak6383@gmail.com">ajithak6383@gmail.com</a></p>

<p><button class="button">Contact</button></p>

</div>

</div>

</div>

</div>

{% endblock %}
```

HOMEPAGE.HTML

```
{% extends "base.html" %}

{% block title %}Homepage{% endblock %}

{% block body %}

<h1 class="text-center">Simple Flask App</h1>

<div class="row">

<div class="col-sm-6 offset-sm-3">

<div class="jumbotron">

Welcome to this simple Flask example app.<br>HOMEPAGE<br>

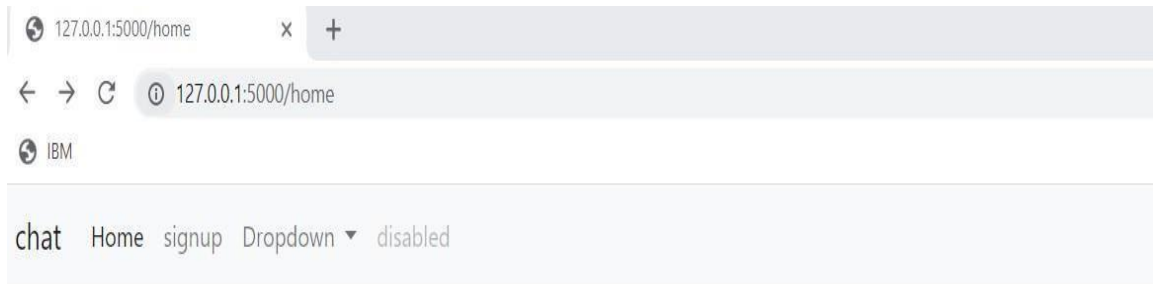
</div>

</div>

</div>

</div>

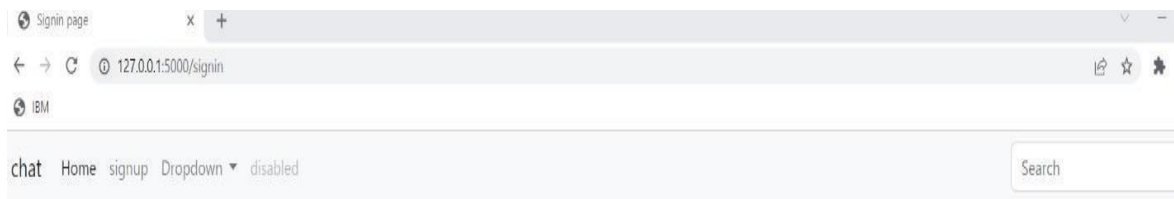
{% endblock %}
```



Simple Flask App

Welcome to this simple Flask example app.

Homepage

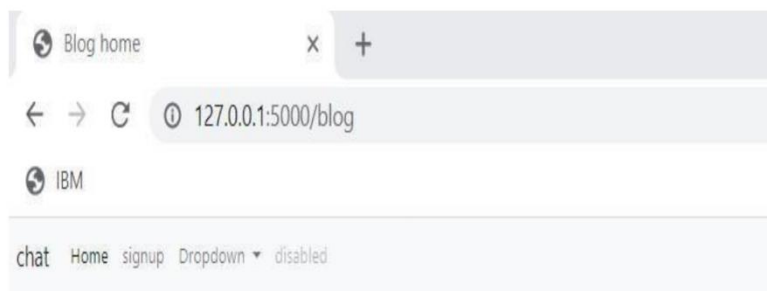


Signin Forms

First name:

Last name:

Submit



Blog Page

All posts

Blog post 1

Author: Dhanrajprabu

This is first Post

Blog post 2

Author: Dhanraj

This is second Post

