

ASSIGNMENT 2

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 7
<meta charset="utf-8">
<meta name="viewport" content="width=device-width,initial-scale=1">
<!-- Bootstrap CSS 7
<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="sha384u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvZlHgTPOOmMi466C8"
Crossorigin="anonymous"></script>
<!--<link rel="stylesheet" href="static/css/style.css" 7
{% 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-
  bs-target="#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"
ariaexpanded="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': 'IAM DEEPA'},
             {'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 7
```

```
<div id="main">
```

```
<div class="h-tag">
```

```
<h2>Create Your Account</h2>
```

```
</div>
```

```
<!-- create account div 7
```

```
<div class="login">
```

```
<table cellpadding="2" cellspacing="2" 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.. 7

</div>

<!-- Main div ending here... 7

</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>deepa(teamlead)</p>

</div>

<h2 style="text-align:center">Our Team</h2>

<div class="row">

    <div class="column">

        <div class="card">

            

            <div class="container">

                <h2>SWETHA</h2>

```

```
<p class="title">tester</p>
<p>teammember1.</p>
<p>swetha@gmail.com</p>
<p><button class="button">Contact</button></p>
</div>
</div>
</div>
```

```
<div class="column">
  <div class="card">
    
    <div class="container">
      <h2>JEYADHARSHINI</h2>
      <p class="title">software developer</p>
      <p>team member2</p>
      <p>dharshini@example.com</p>
      <p><button class="button">Contact</button></p>
    </div>
  </div>
</div>
</div>
```

```
<div class="column">
  <div class="card">
    
    <div class="container">
      <h2>KAVIBHARATHI</h2>
      <p class="title">frontend developer</p>
      <p>team member3</p>
      <p>kavi@example.com</p>
      <p><button class="button">Contact</button></p>
    </div>
  </div>
</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>

{% endblock %}
```

Output:

Simple Flask App

Welcome to this simple Flask example app.

HOMEPAGE

Signin Forms

First name:

Last name:

Submit