

Assignment-2

Assignment Date	15 September 2022
Student Name	P.Gowsalya
Student Roll Number	913319104022
Maximum Marks	2 Marks

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>

    </div>

  </div>

</nav>
```

```

    </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 %}
```

Blog.html

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

```
{% block head %}
```

```
<title>Blog home</title>
```

```
{% endblock %}
```

```
{% block body %}
```

```
<h2>Blog Page</h2>
```

```
<b>All posts</b>
```

```
{% for post in posts %}
```

```
<h3>{{ post.title }}</h3>
```

```
{% if post.author %}
```

```
<h4>Author: {{post.author}}</h4>
```

```
{% else %}
```

```
<h4>Author: PRABHAKARAN</h4>
```

```
{% endif %}
```

```
<p>{{post.content}}</p>
```

```
{% endfor %}
```

```
{% endblock %}
```

App.py from flask import Flask, url_for, render_template, request,
redirect from markupsafe import escape

```
app = Flask(__name__) all_posts=[
    {
        'title':"Blog post 1",
        'content': "This is first Post",
        'author':'GOWSALYA'
    },
    {
        '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("/signup")

def signup():
```

```

        return render_template('signup.html')

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

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

messages = [{'title': 'Message One',
              'content': 'IAM GOWSALYA'},
             {'title': 'Message Two',
              'content': 'FLASK APP DEMO'}

]

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

```

Chat.html

```

{% extends 'base.html' %}

{% block body %}

<h1>{% block title %}Messages{% endblock %}</h1>

{% for message in messages %}
    <div class='message'>
        <h3>{{ message['title'] }}</h3>
        <p>{{ message['content'] }}</p>
    </div>

```

```
        {% endfor %} {%  
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 %}
```

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>nutrition assistant application</p>
  <p>srividhya(lead)</p>
</div>
```

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

```
    <div class="container">
      <h2>NIVETHA</h2>
      <p class="title">designer</p>
      <p>teammember1.</p>
      <p>nivetha@gmail.com</p>
      <p><button class="button">Contact</button></p>
    </div>
  </div>
</div>
```

</div>

<div class="column">

<div class="card">

<div class="container">

<h2>ASWINI</h2>

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

<p>team member2</p>

<p>aswini@example.com</p>

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

</div>

</div>

</div>

<div class="column">

<div class="card">

<div class="container">

<h2>GOWSALYA</h2>

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

<p>team member3</p>

<p>gowsi@example.com</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">

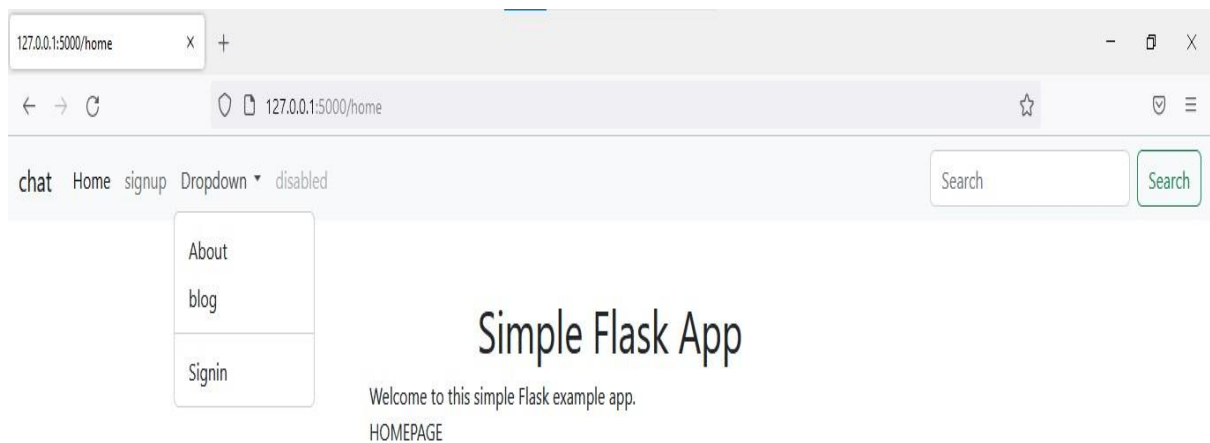
Welcome to this simple Flask example app.
HOMEPAGE

</div>

</div>

</div>

{% endblock %}



Signin page

127.0.0.1:5000/signin

chat Home signup Dropdown disabled

Search

Search

Signin Forms

First name:

Last name:

Submit

If you click the "Submit" button, the form-data will be sent to a page called "/action_page.php".

127.0.0.1:5000/about

127.0.0.1:5000/about

chat Home signup Dropdown disabled

Search

Search

About Us Page

nutrition assistant application

srividhya(lead)

Our Team

nivetha

NIVETHA

designer

teammember1.

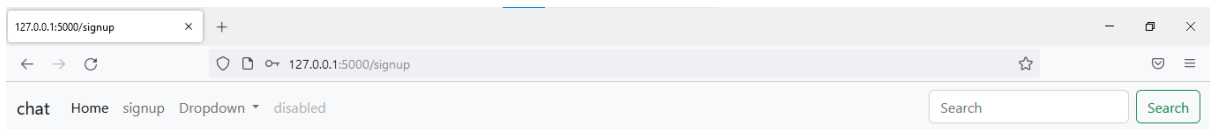
nivetha@gmail.com

Contact

aswini

ASWINI

frontend developer



Create Your Account

Enter Name :

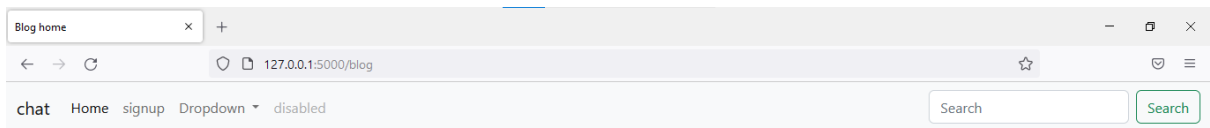
Enter Email ID :

Enter Username :

Enter Password :

Enter Confirm Password :

[Clear Form](#) [Create Account](#)



Blog Page

All posts

Blog post 1

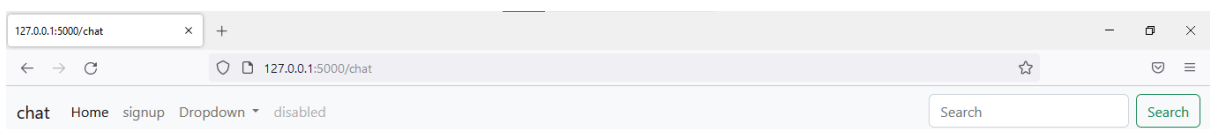
Author: GOWSALYA

This is first Post

Blog post 2

Author: PRABHAKARAN

This is second Post



Messages

Message One

IAM GOWSALYA

Message Two

FLASK APP DEMO