

### Assignment-2

Assignment Date	15 September 2022
Student Name	N.Aswinidevi
Student Roll Number	913319104006
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-u10knCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
  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 %}

## **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: RATHINAM</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':'ASWINI'
    },
    {
        '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 ASWINI'},
```

```
            {'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 %}Signuppagement{% 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 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.<br>HOMEPAGE<br>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
{% endblock %}
```



## 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".

## About Us Page

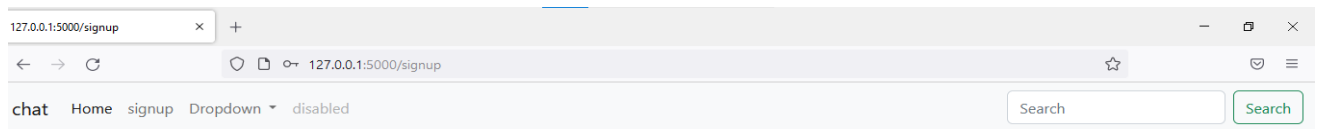
nutrition assistant application

srividhya(lead)

### Our Team

nivetha
<b>NIVETHA</b>
designer
teammember1.
nivetha@gmail.com
Contact

aswini
<b>ASWINI</b>
frontend developer



## Create Your Account

Enter Name :

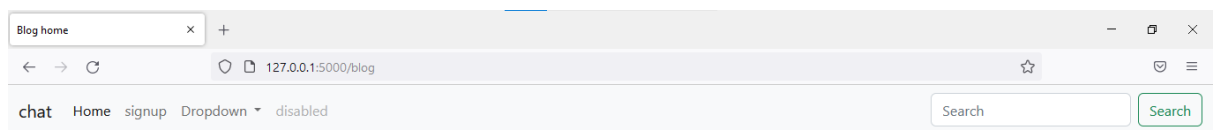
Enter Email ID :

Enter Username :

Enter Password :

Enter Confirm Password :

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



## Blog Page

All posts

### Blog post 1

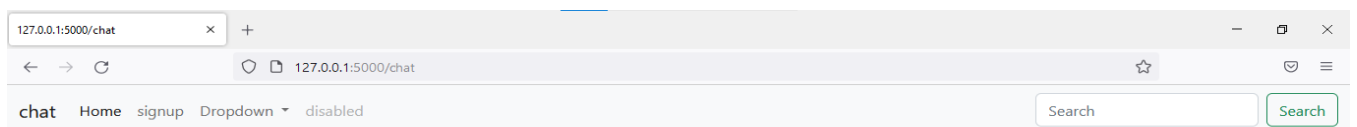
Author: aswini

This is first Post

### Blog post 2

Author:DEVI

This is second Post



## Messages

### Message One

IAM ASWINI

### Message Two

FLASK APP DEMO