

Assignment-2

Assignment Date	15 September 2022
Student Name	G.Srividhya
Student Roll Number	913319104044
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

```
<!doctype 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-u1OknCxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIH7NnikvbZlHgTPOOmMi466C8"
    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="#">Navbar</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</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="#">Link</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="#">Action</a></li>

            <li><a class="dropdown-item" href="#">Another action</a></li>

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

            <li><a class="dropdown-item" href="#">Something else here</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>

All posts

{% for post in posts %}

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

{% if post.author %}

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

{% else %}

<h4>Author: GANESHAN</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':'Srividhya'

    },

    {

        '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 SRIVIDHYA'},
             {'title': 'Message Two',
              'content': 'FIASK DEMO APP'}

             ]

@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>

</div>

{% endblock %}

```

SIGNUP.HTML

```

{% extends "base.html" %}


{% block title %}Signuppge{% 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 cellpadding="2" align="center" cellspacing="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">
```

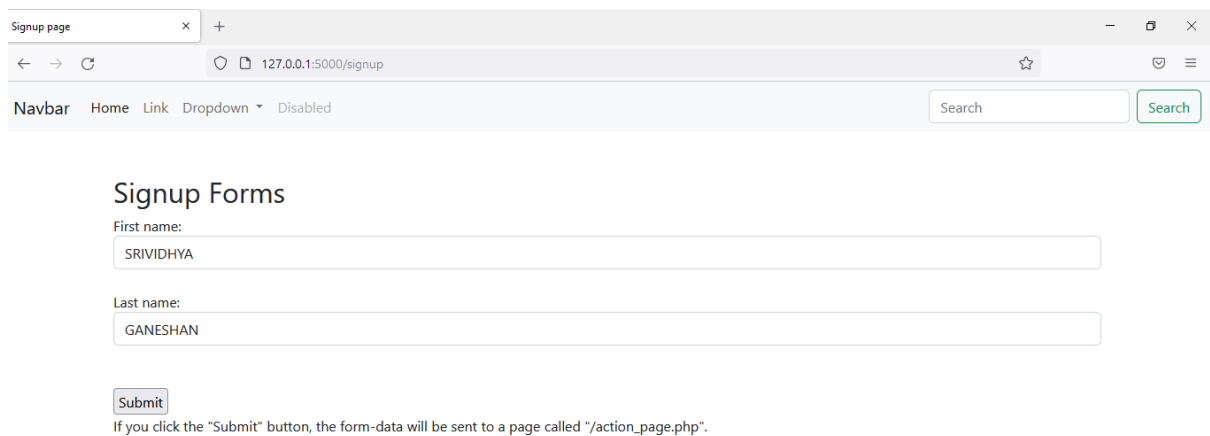
```
    Welcome to this simple Flask example app.<br>HOMEPAGE<br>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
{% endblock %}
```



Signup page x +

← → ↻ 127.0.0.1:5000/signup ☆ 📄 ☰

Navbar Home Link Dropdown ▾ Disabled Search Search

Signup 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".

Navbar Home Link Dropdown ▾ Disabled

Blog Page

All posts

Blog post 1

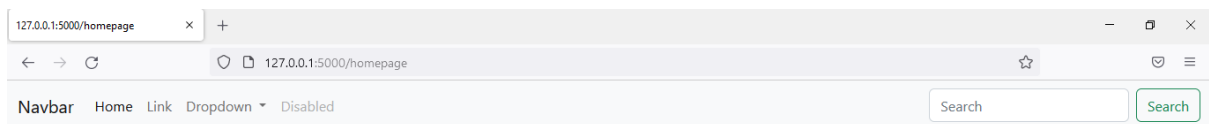
Author: Srividhya

This is first Post

Blog post 2

Author: GANESHAN

This is second Post



Simple Flask App

Welcome to this simple Flask example app.
HOMEPAGE

Messages

Message One

IAM SRIVIDHYA

Message Two

FLASK APP DEMO

About Us Page

nutrition assistant application

srividhya(lead)

Our Team

nivetha

NIVETHA

designer

teammember1.

nivetha@gmail.com

Contact

aswini

ASWINI

frontend developer

team member2

aswini@example.com

Contact

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☰

Navbar

Home

Link

Dropdown ▾

Disabled

Search

Search

Create Your Account

Enter Name :

Enter Email ID :

Enter Username :

Enter Password :

Enter Confirm Password :

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