

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

```
<!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"-->
  </head>
  <body>
    <!--<div class="container">
      <div class="row">
        <div class="col">
          <div class="card">
            <div class="card-body">
              <div class="text-center">
                <h1>Hello, World!</h1>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </body>
</html>
```

```
</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>
```

```

        </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: 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 %}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 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>

    </div>

    <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">
```

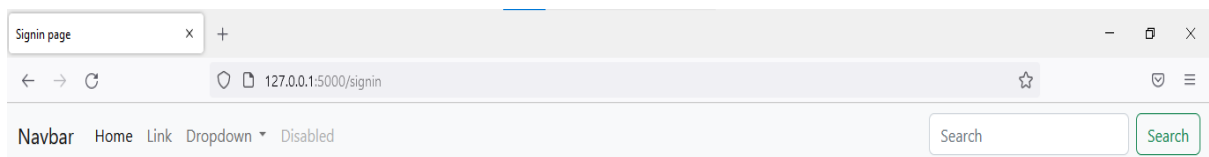
```
    Welcome to this simple Flask example app.<br>HOMEPAGE<br>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
{% endblock %}
```

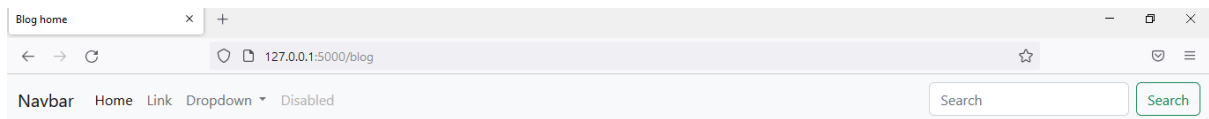
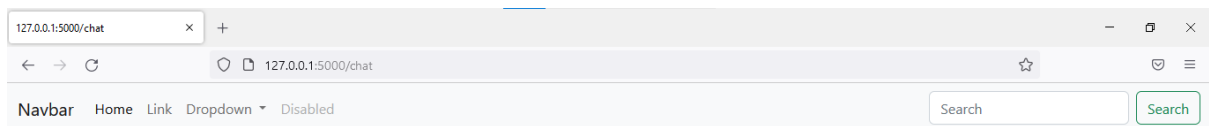
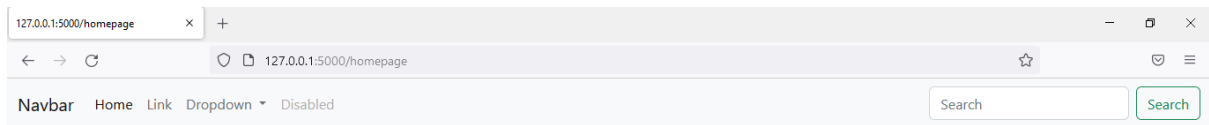


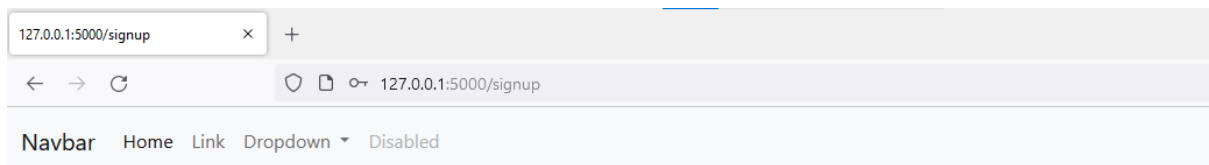
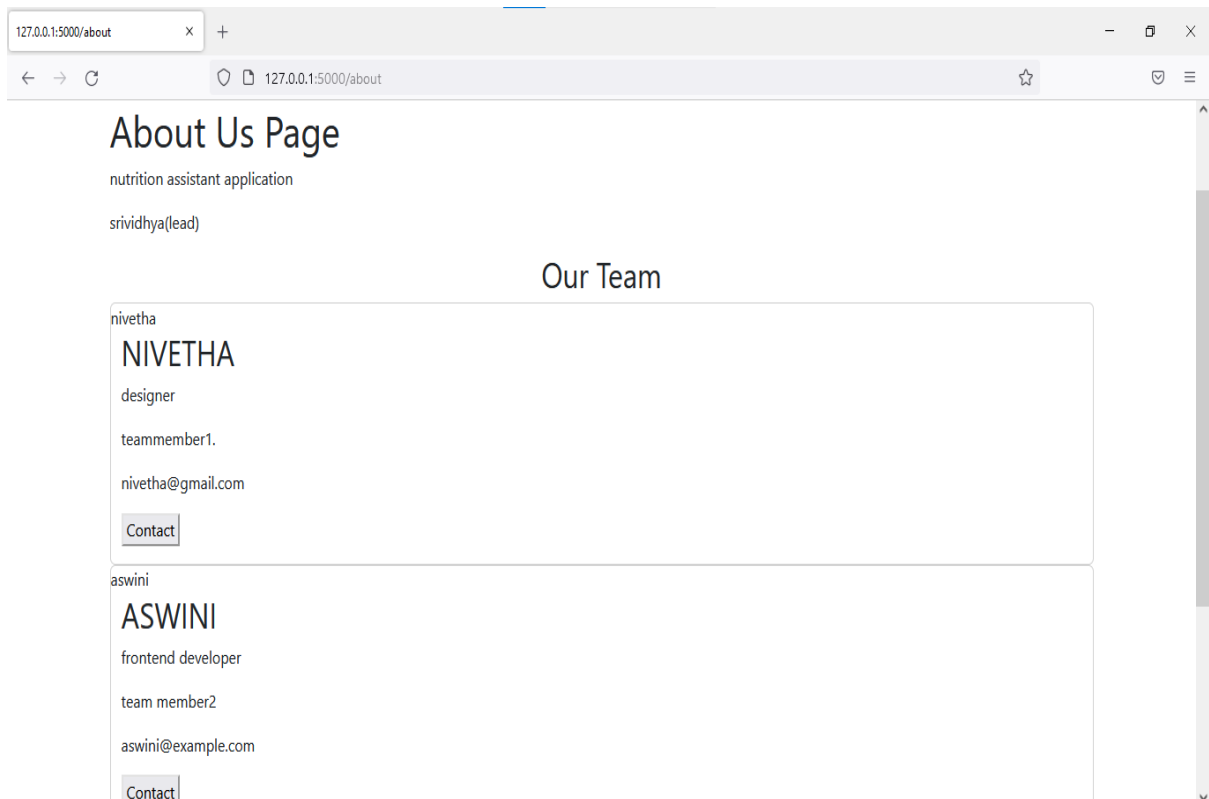
Signin Forms

First name:

Last name:

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





Create Your Account

Enter Name :

Enter Email ID :

Enter Username :

Enter Password :

Enter Confirm Password :

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