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"</pre>
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"</pre>
integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rlHI7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>
<!--<li>k 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">
     class="nav-item">
       <a class="nav-link active" aria-current="page" href="#">Home</a>
      class="nav-item">
       <a class="nav-link" href="#">Link</a>
      <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown"
aria-expanded="false">
        Dropdown
       </a>
       ul class="dropdown-menu">
        <a class="dropdown-item" href="#">Action</a>
        <a class="dropdown-item" href="#">Another action</a>
        <hr class="dropdown-divider">
        <a class="dropdown-item" href="#">Something else here</a>
       cli class="nav-item">
       <a class="nav-link disabled">Disabled</a>
```

```
<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="submit" value="Submit">
</form>
If you click the "Submit" button, the form-data will be sent to a page called
"/action_page.php".
{% 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 %}
    {{post.content}}
   {% 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>
    {{ message['content'] }}
```

```
</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/>
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">
Enter Name :
<input type="text" placeholder="Enter user here" class="tb" />
Enter Email ID :
<input type="text" placeholder="Enter Email ID here" class="tb" />
Enter Username :
<input type="text" placeholder="Enter Username here" class="tb" />
Enter Password :
<input type="password" placeholder="Enter Password here" class="tb" />
Enter Confirm Password :
<input type="password" placeholder="Enter Password here" class="tb" />
<input type="reset" value="Clear Form" id="res" class="btn" />
<input type="submit" value="Create Account" class="btn" />
</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>
 nutrition assistant application
 srividhya(lead)
 </div>
<h2 style="text-align:center">Our Team</h2>
 <div class="row">
 <div class="column">
  <div class="card">
   <img src="/w3images/team1.jpg" alt="nivetha" style="width:100%">
   <div class="container">
    <h2>NIVETHA</h2>
    designer
    teammember1.
    nivetha@gmail.com
    <button class="button">Contact</button>
```

```
</div>
 </div>
</div>
<div class="column">
 <div class="card">
  <img src="/w3images/team2.jpg" alt="aswini" style="width:100%">
  <div class="container">
   <h2>ASWINI</h2>
   frontend developer
   team member2
   aswini@example.com
   <button class="button">Contact</button>
  </div>
 </div>
</div>
<div class="column">
 <div class="card">
  <img src="/w3images/team3.jpg" alt="gowsalya" style="width:100%">
  <div class="container">
   <h2>GOWSALYA</h2>
   fullstack developer
   team member3
   gowsi@example.com
   <button class="button">Contact</button>
  </div>
 </div>
</div>
</div>
{% endblock %}
```

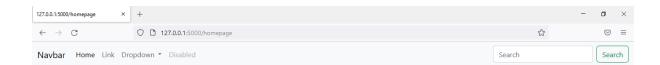
HOMEPAGE.HTML

```
{% 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/>
br>
   </div>
  </div>
 </div>
{% endblock %}
Signin page
 ← → G
                  O 127.0.0.1:5000/signin
                                                                                                      ⊘ ≡
 Navbar Home Link Dropdown ▼ Disabled
                                                                                   Search
                                                                                                      Search
         Signin Forms
          First name:
          GOWSALYA
          Last name:
```

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

PRABHAKARAN

Submit



Simple Flask App

Welcome to this simple Flask example app. HOMEPAGE



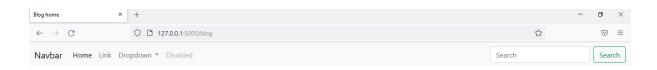
Messages

Message One

IAM GOWSALYA

Message Two

FLASK APP DEMO



Blog Page

All posts

Blog post 1

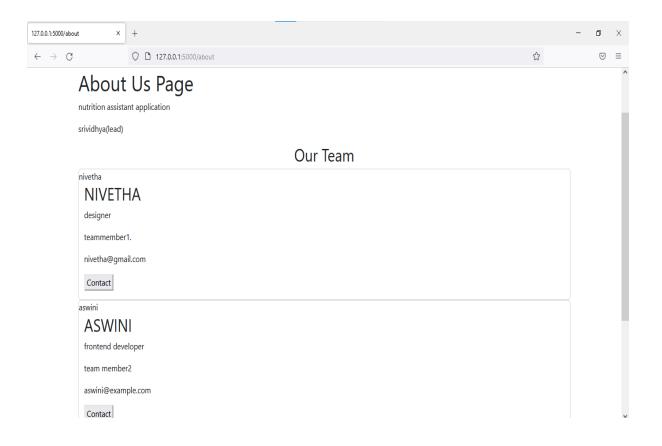
Author: GOWSALYA

This is first Post

Blog post 2

Author: PRABHAKARAN

This is second Post





Create Your Account

