

## Assignment -2

Assignment Date	24 September 2022
Student Name	P.Sharmila Devi
Student Roll Number	913319104042
Maximum Marks	2 Marks

### Question:

- 1.Create a Flask App.
- 2.Add the Home Page ,About Page.
- 3.Add the Bootstrap
- 4.Add the Sign in Page and Add the Sign up Page with database connectivity.
- 5.Use IBM Db2 as Database.

### Base:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <!-- CSS only -->

  <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">

  <!-- JavaScript Bundle with Popper -->

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIH7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>

  {% block head %} {% endblock %}

</head>

<body>
```

```

<nav class="navbar navbar-expand-lg bg-light">

  <div class="container-fluid">

    <a class="navbar-brand" href="{{url_for('index')}}">Home</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="{{url_for('chat')}}">Chat</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="{{url_for('signup')}}">Sign up</a>

        </li>

        <li class="nav-item">

          <a class="nav-link" href="{{url_for('create')}}">Create</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">

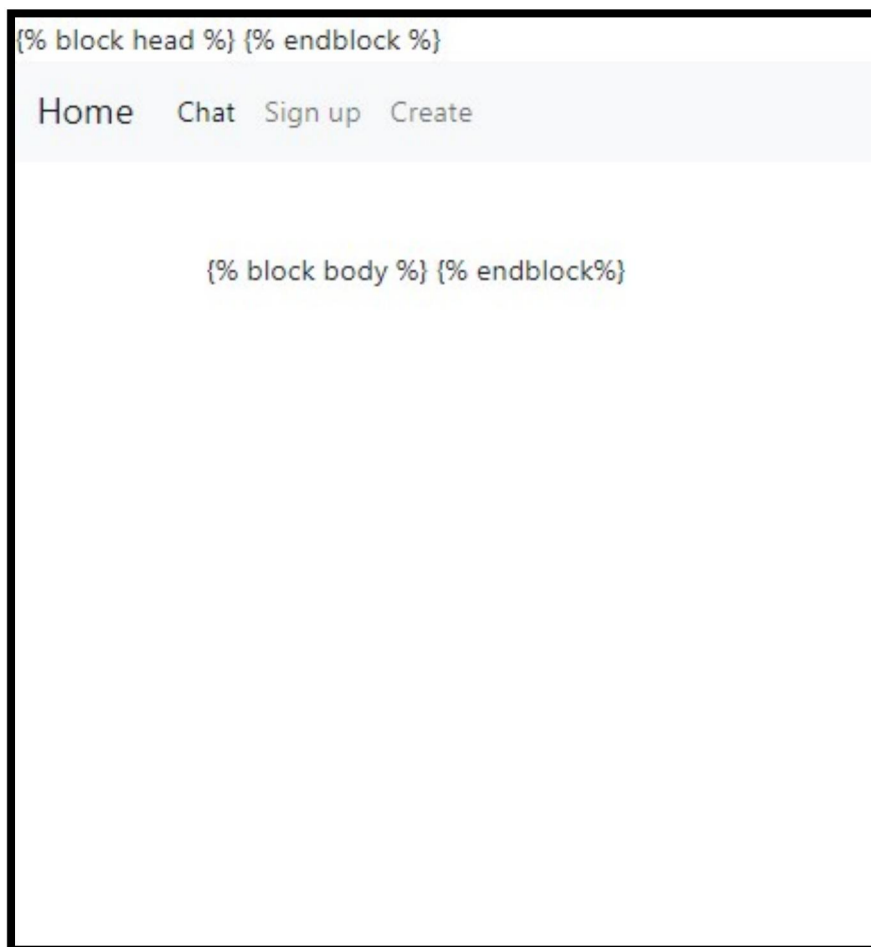
          <a class="nav-link disabled">Disabled</a>

        </li>

      </ul>

```

```
<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>
```



**Chat:**

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

{% block body %}

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

<hr>

{% for messages in messages %}

    <div class="message">

        <h3>{{ messages['title'] }}</h3>

        <p>{{ messages['content'] }}</p>

    </div>

{% endfor %}

{% endblock %}
```

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

```
{% block title %} Messages {% endblock %}
```

```
{% for messages in messages %}
```

```
{{ messages['title'] }}
```

```
{{ messages['content'] }}
```

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

## Create:

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

{% block body %}

    <h1> {% block title %} Add a New Message {% endblock %} </h1>

    <form method = "post">

        <label for="title">Title</label >

        <br>

        <input type = "text" name = "title" placeholder = "Message Title" value
= "{{ request.form['title'] }}" class = "form-control">

        </input >

        <br>

        <label for = "content"> Message Content </label >

        <br>

        <textarea name = "content" placeholder = "Message Content"
value = "{{ request.form['content'] }}" class = "form-control" ></textarea >

        <br>

        <button type = "Submit" class = "btn btn-success"> Submit</button>

    </form>

{% endblock %}
```

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

{% block title %} Add a New Message {% endblock %}

Title

Message Content



{% endblock %}
```

## Index:

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

{% block head %}

<title>Home page</title>

{% endblock %}

{% block body %}

<div class="p-5 mb-4 bg-light rounded-3"><div class="container-fluid py-5">

    <h1 class="display-5 fw-bold">Home Page</h1>

    <p class="col-md-8 fs-4">Hii there, This is a Home page.</p>

    <p class="col-md-8 fs-4">All the CSS properties are built using Bootstrap</p>

    <p class="col-md-8 fs-4">Page routes are built by Jinja2 Template</p>

    <p class="col-md-8 fs-4">Click on Chat on the nav bar to see the chats.</p>

    <p class="col-md-8 fs-4">Click on Sign up to enter into the Sign up form.</p>

    <p class="col-md-8 fs-4">Click on Create to create a new message.</p>

    <!-- <button class="btn btn-primary btn-lg" type="button">Example button</button> -->

</div></div>

{% endblock %}
```

```
{% extends 'base.html' %} {% block head %} {% endblock %} {% block body %}
```

## Home Page

Hii there, This is a Home page.

All the CSS properties are built using Bootstrap

Page routes are built by Jinja2 Template

Click on Chat on the nav bar to see the chats.

Click on Sign up to enter into the Sign up form.

Click on Create to create a new message.

```
{% endblock %}
```

## Signup:

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

{% block head %}

    <title>Signup page</title>

{% endblock %}

{% block body %}

    <h2>Signup forms</h2>

    <form action="/signup">

        <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" class="btn btn-primary">

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

{% endblock %}
```

```
{% extends 'base.html' %} {% block head %} {% endblock %} {% block body %}
```

## Signup forms

First name:

Last name:

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

```
{% endblock %}
```