Assignment -2
Flask application

Assignment Date	24 September 2022
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Student Roll Number	142219104021
Maximum Marks	2 Marks
Batch Number	B11-5A1E

QUESTIONS:

1. Create a flask app
2. Add home page, about page
3. Add the bootstrap
4. Add the signin and signup page.

Code:
main.py:

```
from flask import Flask, render_template

app = Flask(__name__)


@app.route("/signin") def
sign_in():
    return render_template("signin.html")


@app.route('/signup') def
sign_up():
    return render_template("signup.html")


@app.route('/') def
home():
    return render_template("home.html")


@app.route('/about') def
about():
    return render_template("about.html")
```

```
if __name__ == '__main__':
    app.run(debug=True)
```

about.html:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <link href=
"https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
    />
    <link rel="stylesheet" href="static/style.css">
  </head>

  <body>

    <nav class="navbar navbar-expand navbar-dark bg-primary">
      <div class="container-fluid">
        <a class="navbar-brand" href="./">
          Welcome
        </a>
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" href="/">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" href="/about">About Us</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" href="/signin">Signin</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" href="/signup">Signup</a>
          </li>
        </ul>
      </div>
    </nav>
    <script src=
"https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
></script>
    <br>
    <div class="img">
```

```html
    <img src="static/about.png" alt="plasma">
    </div>
    <h1 style="text-align:center;">About Plasma Donation</h1>
    <div class="pl">
    <pre class="pl"><form align="center">
      The private sector manufacturers of plasma-derived and recombinant
analog therapies, collectively known as plasma protein therapies,      and
the collectors of source plasma used for fractionation. These      therapies
are used by millions of people worldwide to treat a      of diseases and
serious medical conditions.
      We need more donors to come forward to donate plasma which saves
the life of many people.</pre>
</form>
        </div>
  <div class="pl">
    <form align="center">
      <h2>Contact Details:</h2><br>
      <h3>deepansuryarajsv@gmail.com</h3><br>
      <h3>8072660060</h3>
    </form>
  </div>
  </body>
</html>
```

Home.html:

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <link href=
"https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
   />
    <link rel="stylesheet" href="static/style.css">
  </head>

  <body>
    <!-- NAVBAR -->
    <nav class="navbar navbar-expand navbar-dark bg-primary">
      <div class="container-fluid">
        <a class="navbar-brand" href="./">
          Welcome
        </a>
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
        <li class="nav-item">
          <a class="nav-link active" href="/">Home</a>
```

```html
        </li>
        <li class="nav-item">
          <a class="nav-link active" href="/about">About Us</a>
        </li>
        <li class="nav-item">
          <a class="nav-link active" href="/signin">Signin</a>
        </li>
        <li class="nav-item">
          <a class="nav-link active" href="/signup">Signup</a>
        </li>
      </ul>
    </div>
  </nav>
  <script src=
"https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
></script>    <br>
    <h2 style="text-align:center;font-family:cursive;color:orange;">Donate Plasma save
life</h2>
    <p align="center" style="color:red;">Plasma often is referred to as the "gift of life"
because it is the essential starting material needed for therapies that help thousands of
people worldwide with rare, chronic diseases to live healthier, productive and fulfilling
lives.</p>
    <div class="text-center">
      <img src="static/logo.png" class="rounded" alt="..." height="600px"
width="900px" padding="60px">
    </div>


  </body>
</html>
```

Signin.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Document</title>
  <link rel="stylesheet" href="static/style.css">
</head>
<body>
  <div class="signinFrm">
    <form action="" class="form">
      <h1 class="title">Sign in</h1>
```

```html
      <div class="inputContainer">
        <input type="text" class="input" placeholder="email@gmail.com">
<label for="" class="label">Email</label>
      </div>
      <div class="inputContainer">
        <input type="password" class="input" placeholder="123456">
        <label for="" class="label">Password</label>
      </div>
      <input type="submit" class="submitBtn" value="Sign in" formaction="/">
      <a href="/signup">Don't have an account?</a>
    </form>
  </div>


</body>
</html>
```

Signup.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Document</title>
  <link rel="stylesheet" href="/static/style.css">
</head>
<body>
   <div class="signupFrm">
     <form action="" class="form">
      <h1 class="title">Sign up</h1>

      <div class="inputContainer">
       <p>Email</p><input type="text" class="input"
placeholder="deepansuryarajsv@gmail.com">

      </div>

      <div class="inputContainer">
        <p>Username</p><input type="text" class="input"
placeholder="deepansuryaraj">

      </div>
```

```html
      <div class="inputContainer">
        <p>Password</p><input type="password" class="input"
placeholder="123456">

      </div>

      <div class="inputContainer">
        <label>Confirm Password</label><input type="password" class="input"
placeholder="123456">

      </div>

      <input type="checkbox" id="agree" name="agree" value="policy">
  <label>I accept the Terms of Use & Privacy Policy</label>
      <input type="submit" class="submitBtn" value="Sign up" formaction="/">
      <a href="/signin">Already have an account</a>
    </form>
  </div>


</body>
</html>
```

OUTPUT:

Sign in

deepanuryarajsv@gmail.com

••••••••ord

Sign in

Don't have an account?

Sign up

deepansurya2001@gmail.com

Username
deepansurya

Password
••••••••••

Confirm Password
••••••••••

☑ I accept the Terms of Use & Privacy Policy

Sign up

Already have an account