Assignment -2
Flask application

Assignment Date	18 October 2022
Student Name	Vijaya Pratha E
Student Roll Number	19BIT4120
Maximum Marks	2 Marks

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:

```python
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">
<img src="C:\Users\RENUKA P\Desktop\plasma image.jpg" alt="plasma">
</div>
<h1 style="text-align:center;">About Plasma Donation</h1>

<div class="pl">
```

```html
<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>vijayapratha4@gmail.com</h3><br>
<h3>9384992549</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>
</li>
<li class="nav-item">
<a class="nav-link active" href="/about">About Us</a>

</li>
```

```html
<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="C:\Users\RENUKA P\Desktop\plasma donor image.jpg"
class="rounded" alt="..." height="600px" width="900px" padding="60px">
</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"
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<br>
<h2 style="text-align:center;font-family:cursive;color:orange;">Donate Plasma
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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="C:\Users\RENUKA P\Desktop\plasma image.jpg" class="rounded"
alt="..." height="600px" width="900px" padding="60px">
</div>

</body>
</html>
```

Signin.html:

```html
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
body {font-family: Arial, Helvetica, sans-serif;}
form {border: 3px solid #f1f1f1;}

input[type=text], input[type=password] {
  width: 100%;
  padding: 12px 20px;
  margin: 8px 0;
  display: inline-block;
  border: 1px solid #ccc;
  box-sizing: border-box;
```

```css
  }

  button {
    background-color: #04AA6D;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
  }

  button:hover {
    opacity: 0.8;
  }

  .cancelbtn {
    width: auto;
    padding: 10px 18px;
    background-color: #f44336;
  }

  .imgcontainer {
    text-align: center;
    margin: 24px 0 12px 0;
  }

  img.avatar {
    width: 40%;
    border-radius: 50%;
  }

  .container {
    padding: 16px;
  }

  span.psw {
    float: right;
    padding-top: 16px;
  }
  @media screen and (max-width: 300px) {
    span.psw {
      display: block;
      float: none;
    }
    .cancelbtn {
      width: 100%;
    }
  }
</style>
```

```html
</head>
<body>

<h2>Sign in</h2>

  <div class="container">
    <label for="uname"><b>Email</b></label>
    <input type="text" placeholder="Email" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Password" name="psw" required>

    <button type="submit">Sign in</button>
    <label>
      <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
  </div>

  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="#">password?</a></span>
  </div>
</form>

</body>
</html>
```

Signup.html:

```html
<!DOCTYPE html>
<html>
<style>
body {font-family: Arial, Helvetica, sans-serif;}
* {box-sizing: border-box}

/* Full-width input fields */
input[type=text], input[type=password] {
  width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
}

input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
}
```

```css
hr {
  border: 1px solid #f1f1f1;
  margin-bottom: 25px;
}

/* Set a style for all buttons */
button {
  background-color: #04AA6D;
  color: white;
  padding: 14px 20px;
  margin: 8px 0;
  border: none;
  cursor: pointer;
  width: 100%;
  opacity: 0.9;
}

button:hover {
  opacity:1;
}

/* Extra styles for the cancel button */
.cancelbtn {
  padding: 14px 20px;
  background-color: #f44336;
}

/* Float cancel and signup buttons and add an equal width */
.cancelbtn, .signupbtn {
  float: left;
  width: 50%;
}

/* Add padding to container elements */
.container {
  padding: 16px;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}
```

```
/* Change styles for cancel button and signup button on extra small screens */
@media screen and (max-width: 300px) {
  .cancelbtn, .signupbtn {
    width: 100%;
  }
}
</style>
<body>

<form action="/action_page.php" style="border:1px solid #ccc">
  <div class="container">
    <h1>Sign Up</h1>
    <p>Please fill in this form to create an account.</p>
    <hr>

    <label for="email"><b>Email</b></label>
    <input type="text" placeholder="Enter Email" name="email" required>

    <label for="psw-repeat"><b>UserName</b></label>
    <input type="password" placeholder="Usernasme" name="psw-repeat"
required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>


    <label>
      <input type="checkbox" checked="checked" name="remember"
style="margin-bottom:15px"> Remember me
    </label>

    <p>By creating an account you agree to our <a href="#"
style="color:dodgerblue">Terms & Privacy</a>.</p>

    <div class="clearfix">
      <button type="button" class="cancelbtn">Cancel</button>
      <button type="submit" class="signupbtn">Sign Up</button>
    </div>
  </div>
</form>

</body>
</html>
```
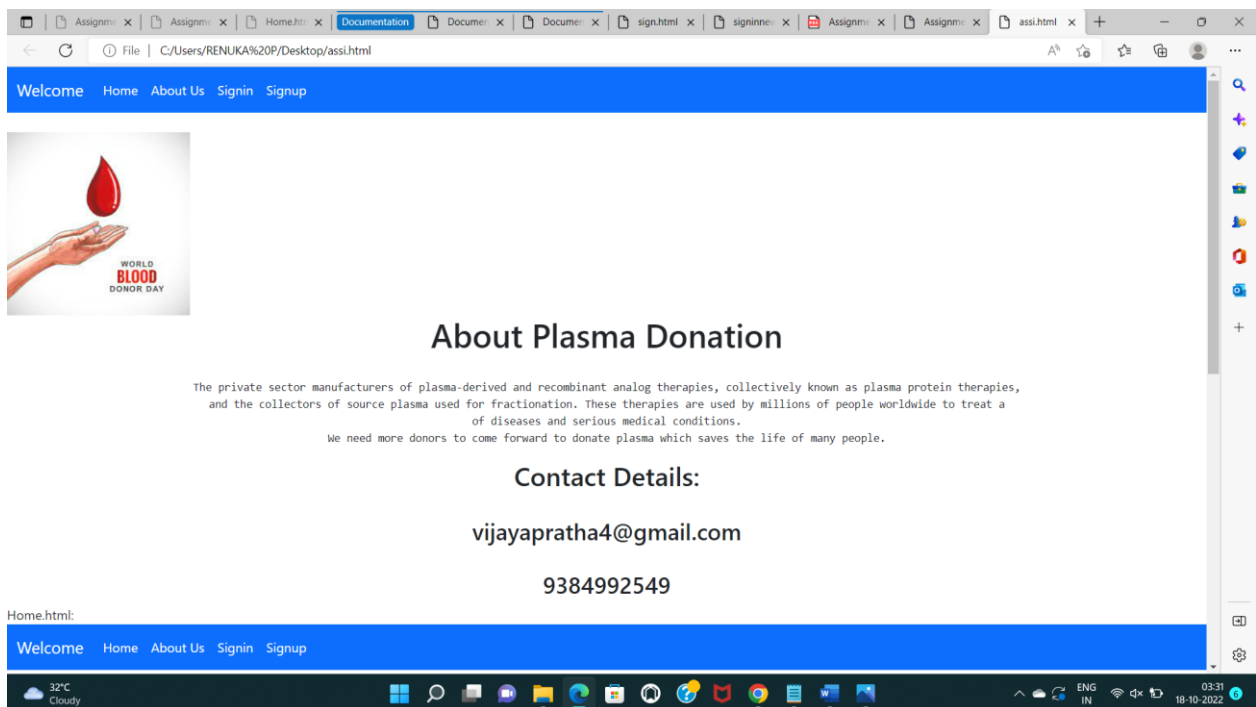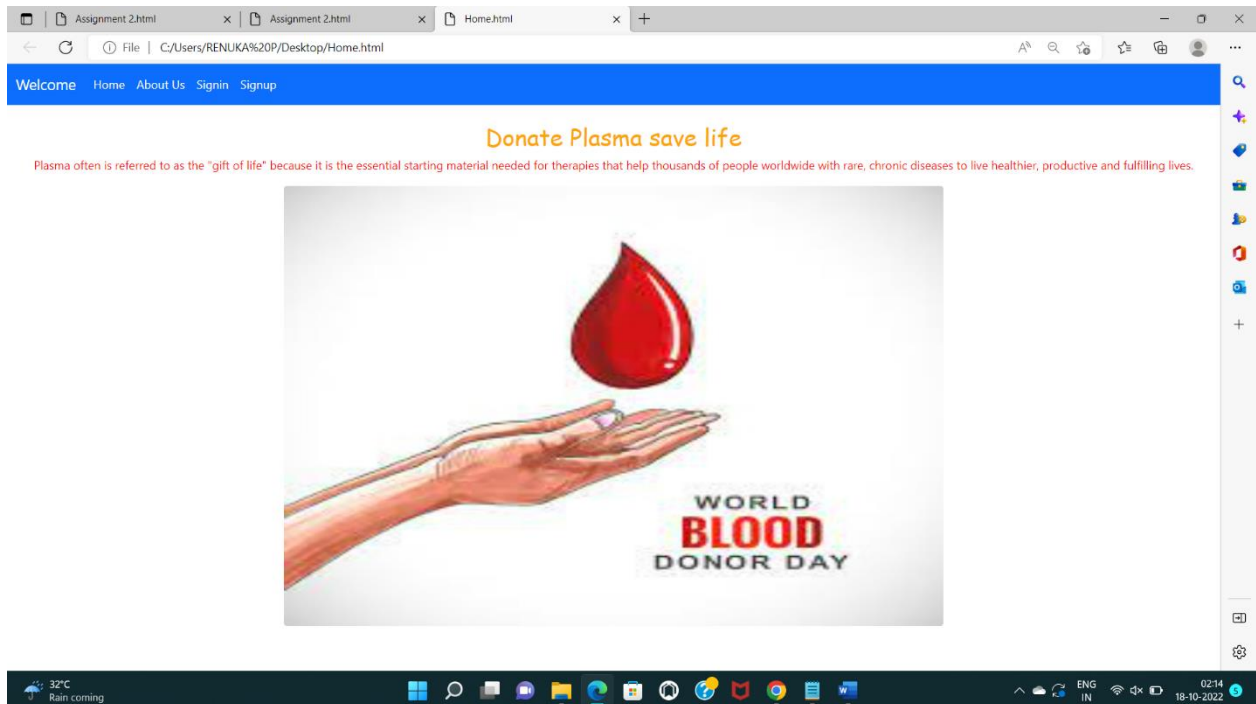
Sign in

Email

Email

Password

Password

Sign in

☑ Remember me

Cancel

Forgot password?

Sign Up

Please fill in this form to create an account.

Email

Enter Email

UserName

Usernasme

Password

Enter Password

☐ Remember me

By creating an account you agree to our Terms & Privacy.

Cancel   Sign Up