Assignment -2
Flask application

Assignment Date	24 September 2022
Student Name	SHANMUGAM R
Student Roll Number	620119106085
Maximum Marks	2 Marks

QUESTIONS:

1. Create User table with user with email, username, roll number, password.
2. Perform UPDATE,DELETE Queries with user table
3. Connect python code to db2.
4. Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields store the data in database and navigate to login page authenticate user username and password. If the user is valid show the welcome 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)
```

```
<!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>
<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>shanmugamgovind2001@gmail.com</h3><br>
<h3>7010496425</h3>
</form>
</div>
</body>
</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>
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<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>
```

```
</body>
</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="signinForm">
<form action="" class="form">
<h1 class="title" align="center">Sign in</h1>

<div class="inputContainer">
<input type="text" class="input" placeholder=" shanmugamgovind2001@gmail.com">

<label for="" class="label">Email</label>
</div>
<div class="inputContainer">
<input type="password" class="input" placeholder="987654">
<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>


<!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">
```

```html
<h1 class="title" align="center">Sign up</h1>

<div class="inputContainer">
<p>Email</p><input type="text" class="input" placeholder=" shanmugamgovind2001@gmail.com">

</div>

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

</div>

<div class="inputContainer">
<p>Password</p><input type="password" class="input" placeholder="987654">

</div>

<div class="inputContainer">
<label>Confirm Password</label><input type="password" class="input" placeholder="987654">

</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

Donate Plasma save life

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.

Sign in

| shanmugamgovind2001@ | Email |
| 987654 | Password |

Sign in [Don't have an account?](#)

Sign up

Email

shanmugamgovind2001@

Username

shanmugam

Password

987654

Confirm Password 987654

☐ I accept the Terms of Use & Privacy Policy Sign up [Already have an account](#)