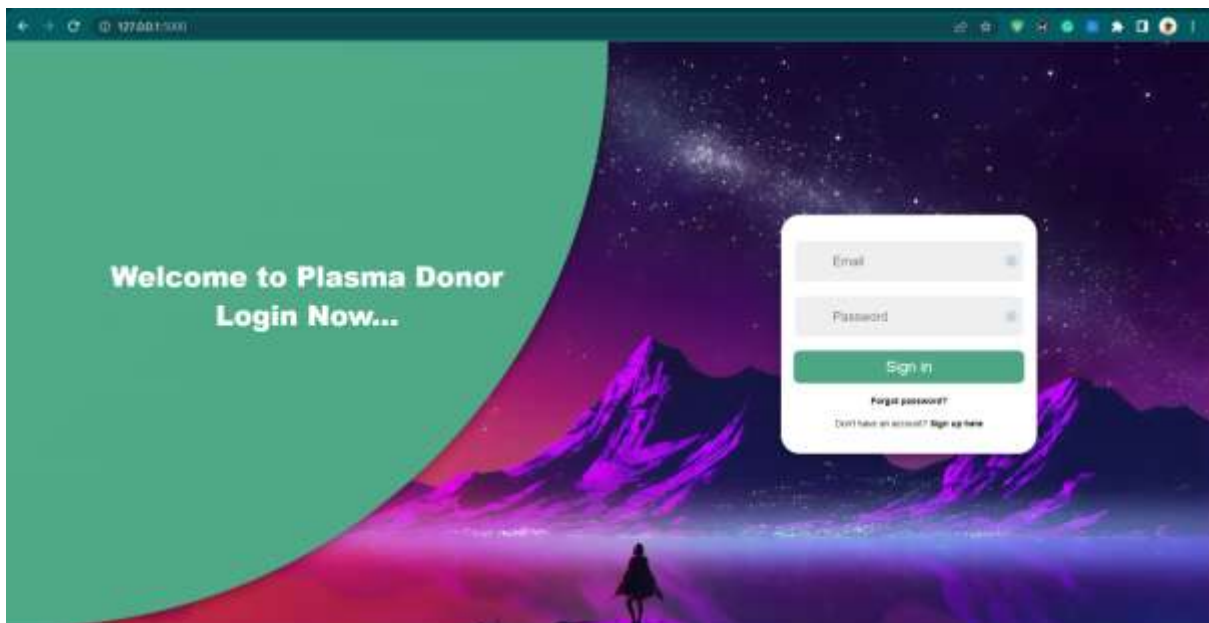


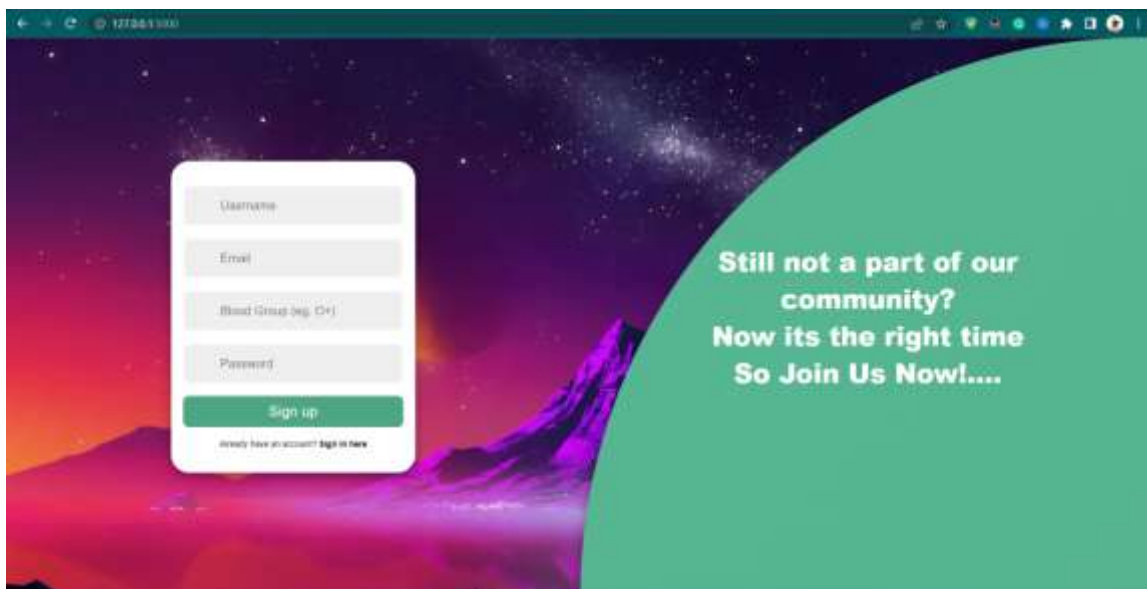
Project development phase

Sprint -I

RegisterPage:



LoginPage:



Home.html

```
<!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>Home</title>
</head>
<body style="background-
image:url('https://c1.wallpaperflare.com/preview/289/93/320/blood-
blood-donation-health-donation.jpg'); background-size:cover;">
    {{msg}}
    <h2>Hello This is our HOME PAGE</h2><br>
    <a href="/login">Back</a><br>
    <a href="/requestform">Request for Plasma</a>
    <br><a href="/list">List of Donors</a>
</body>
</html>

```

Login .html

```

<html lang="en">
<head>
    <meta charset="UTF-8">
    <link rel="apple-touch-icon" type="image/png"
href="https://cpwebassets.codepen.io/assets/favicon/apple-touch-
icon-
5ae1a0698dcc2402e9712f7d01ed509a57814f994c660df9f7a952f3060705ee.
png" />
    <meta name="apple-mobile-web-app-title" content="CodePen">
    <link rel="shortcut icon" type="image/x-icon"
href="https://cpwebassets.codepen.io/assets/favicon/favicon-
aec34940fbc1a6e787974dcd360f2c6b63348d4b1f4e06c77743096d55480f33.
ico" />
    <link rel="mask-icon" type="image/x-icon"
href="https://cpwebassets.codepen.io/assets/favicon/logo-pin-
8f3771b1072e3c38bd662872f6b673a722f4b3ca2421637d5596661b4e2132cc.
svg" color="#111" />
    <link rel="stylesheet" href="static/css/login_style.css">
    <title>Plasma Donor</title>
</head>
<body>
    <div id="container" class="container">
        <!-- FORM SECTION -->

```

```

        <div class="row">
            <!-- SIGN UP -->
            <div class="col align-items-center flex-col sign-up">
<form action="/" method="POST">
<div class="form-wrapper align-items-center">
<div class="form sign-up">
<div class="input-group">
<i class='bx bxs-user'></i>
<input type="text" placeholder="Username" name="username">
    </div>
<div class="input-group">
<i class='bx bx-mail-send'></i>
<input type="email" placeholder="Email" name="email">
    </div>
    <div class="input-group">
        <i class='bx bxs-user'></i>
<input type="text" placeholder="Blood Group (eg. O+)"
name="bloodgroup">
    </div>
    <div class="input-group">
<i class='bx bxs-lock-alt'></i>
    <input type="password" placeholder="Password" name="password">
    </div>
    <button>
Sign up
</button>
    <p>
    <span>
Already have an account?
</span>
    <b onclick="toggle()" class="pointer">
Sign in here
</b>
    </p>
    </div>
</div>
</form>
</div>

```

```

    <!-- END SIGN UP -->
    <!-- SIGN IN -->
    <div class="col align-items-center flex-col sign-in">
        <form action="/login" method="POST">
        <div class="form-wrapper align-items-center">
        <div class="form sign-in">
            <div class="input-group">
                <i class='bx bxs-user'></i>
                <input type="email" placeholder="Email" name="email">
            </div>
            <div class="input-group">
                <i class='bx bxs-lock-alt'></i>
                <input type="password" placeholder="Password" name="password">
            </div>
            <button>
                Sign in
            </button>
            <p>
                <b>
                    Forgot password?
                </b>
            </p>
            <p>
                <span>
                    Don't have an account?
                </span>
                <b onclick="toggle()" class="pointer">
                    Sign up here
                </b>
            </p>
        </div>
        </form>
    </div>
    <div class="form-wrapper">
    </div>
</div>
<!-- END SIGN IN -->
</div>

```

```

        <!-- END FORM SECTION -->
        <!-- CONTENT SECTION -->
        <div class="row content-row">
            <!-- SIGN IN CONTENT -->
            <div class="col align-items-center flex-col">
                <div class="text sign-in">
                    <h2 style="font-size: 35px;">
                        Welcome to Plasma Donor<br>Login
Now...<br><br><br>
                    </h2>
                </div>
            <div class="img sign-in">
                </div>
            </div>
        <!-- END SIGN IN CONTENT -->
        <!-- SIGN UP CONTENT -->
        <div class="col align-items-center flex-col">
            <div class="img sign-up">
                </div>
            <div class="text sign-up">
                <h2 style="font-size: 35px;">
                    Still not a part of our community?
                    <br>Now its the right time<br> So Join Us Now!....
                </h2>
            </div>
        </div>
        <!-- END SIGN UP CONTENT -->
    </div>
    <!-- END CONTENT SECTION -->
    </div>
    <script
src="https://cpwebassets.codepen.io/assets/common/stopExecutionOn
Timeout-
2c7831bb44f98c1391d6a4ffda0e1fd302503391ca806e7fcc7b9b87197aec26.
js"></script>
    <!-- END SIGN IN -->
    </div>
    <!-- END FORM SECTION -->

```

```

<!-- CONTENT SECTION -->
<div class="row content-row">
  <!-- SIGN IN CONTENT -->
  <div class="col align-items-center flex-col">
    <div class="text sign-in">
      <h2>
        Hey User Ready to donate your plasma<br>Login
Now...
      </h2>
    </div>
    <div class="img sign-in">
    </div>
  </div>
  <!-- END SIGN IN CONTENT -->
  <!-- SIGN UP CONTENT -->
  <div class="col align-items-center flex-col">
    <div class="img sign-up">
    </div>
    <div class="text sign-up">
      <h2>
        Join with us
      </h2>
    </div>
  </div>
  <!-- END SIGN UP CONTENT -->
</div>
<!-- END CONTENT SECTION -->
</div>
<script
src="https://cpwebassets.codepen.io/assets/common/stopExecutionOn
Timeout-
2c7831bb44f98c1391d6a4ffda0e1fd302503391ca806e7fcc7b9b87197aec26.
js"></script>
<script>
  window.console = window.console || function(t) {};
  if (document.location.search.match(/type=embed/gi)) {
    window.parent.postMessage("resize", "*");
  }

```

```

        let container = document.getElementById('container');
        toggle = () => {
            container.classList.toggle('sign-in');
            container.classList.toggle('sign-up');
        };
        setTimeout(() => {
            container.classList.add('sign-in');
        }, 200);
    </script>
</body>
</html>

```

App.py

```

from turtle import st
from flask import Flask, render_template, request, redirect, url_for, session
from markupsafe import escape
import ibm_db
import sendgrid
import os
from sendgrid.helpers.mail import *

sg =
sendgrid.SendGridAPIClient(api_key='SG.gKcBWDjySK6STDx4SpcAIA.XtJzi5KELV
conn = ibm_db.connect("DATABASE=bludb; HOSTNAME=55fbc997-9266-4331-afd3-
888b05e734c0.bs2io90l08kqb1od8lcg.databases.appdomain.cloud; PORT=31929;
SSLServerCertificate=DigiCertGlobalRootCA.crt; UID=wxn48004; PWD=BuZMZ7
app = Flask(__name__)
#@app.route('/')
@app.route('/', methods = ['POST', 'GET'])
def register():
    msg = ' '
    if request.method == 'POST':
        username = request.form['username']

```



```

email = request.form['email']
bloodgroup=request.form['bloodgroup']
password = request.form['password']
sql = "SELECT * FROM users WHERE email =?"
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,email)
ibm_db.execute(stmt)
account = ibm_db.fetch_assoc(stmt)
if account:
    msg = 'Account already exists !'
elif not username or not password or not email:
    msg = 'Please fill the Missing Details !'

else:
    insert_sql = "INSERT INTO users VALUES (?, ?, ?, ?)"
    prep_stmt = ibm_db.prepare(conn, insert_sql)
    ibm_db.bind_param(prepare_stmt, 1, username)
    ibm_db.bind_param(prepare_stmt, 2, email)
    ibm_db.bind_param(prepare_stmt, 3, bloodgroup)
    ibm_db.bind_param(prepare_stmt, 4, password)
    ibm_db.execute(prepare_stmt)
    msg = 'Account created successfully '
    from_email = Email("leelavathy1105@gmail.com")
    to_email = To(email)
    subject = "Thank You for the Registration"
    content = Content("text/plain", "Your donation will be helpful to
mail = Mail(from_email, to_email, subject, content)
response = sg.client.mail.send.post(request_body=mail.get())
print(response.status_code)
print(response.body)
print(response.headers)
    return render_template('login.html',msg=msg)
return render_template('login.html',msg=msg)
@app.route('/login',methods = ['POST', 'GET'])
def login():
    msg = ' '
    if request.method == 'POST':
        email = request.form['email']

```

```

password = request.form['password']
sql = "SELECT * FROM users WHERE Email =?"
stmt = ibm_db.prepare(conn, sql)
ibm_db.bind_param(stmt,1,email)
ibm_db.execute(stmt)
account = ibm_db.fetch_both(stmt)
accounts=account
if (account):
    if(password == accounts['PASSWORD']):
        msg = 'Logged in successfully !'
        return render_template('home.html',msg=msg)
    else :
        msg='Wrong Credentials'
    return render_template('login.html',msg=msg)
@app.route('/requestform',methods = ['POST','GET'])
def requestform():
    msg = ' '
    if request.method == 'POST':
        username = request.form['username']
        age = request.form['age']
        gender = request.form['gender']
        bloodgroup= request.form['bloodgroup']
        email = request.form['email']
        address=request.form['address']
        city = request.form['city']
        pincode = request.form['pincode']
        contactno = request.form['contactno']
        sql = "SELECT * FROM receiver WHERE username =?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt,1,username)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        if account:
            msg = 'Request already sent!'

        elif not username or not bloodgroup or not email or not contactno or
pincode or not gender or not age:
            msg = 'Please fill the Missing Details !'

```

```

else:
    insert_sql = "INSERT INTO receiver VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)"
    prep_stmt = ibm_db.prepare(conn, insert_sql)
    ibm_db.bind_param(prepare_stmt, 1, username)
    ibm_db.bind_param(prepare_stmt, 2, age)
    ibm_db.bind_param(prepare_stmt, 3, gender)
    ibm_db.bind_param(prepare_stmt, 4, bloodgroup)
    ibm_db.bind_param(prepare_stmt, 5, email)
    ibm_db.bind_param(prepare_stmt, 6, address)
    ibm_db.bind_param(prepare_stmt, 7, city)
    ibm_db.bind_param(prepare_stmt, 8, pincode)
    ibm_db.bind_param(prepare_stmt, 9, contactno)
    ibm_db.execute(prepare_stmt)
    msg = 'Request sent successfully'
    return render_template('home.html', msg=msg)
return render_template('requestform.html', msg=msg)

@app.route('/list')
def list():
    users = []
    sql = "SELECT * FROM users"
    stmt = ibm_db.exec_immediate(conn, sql)
    dictionary = ibm_db.fetch_both(stmt)
    while dictionary != False:
        # print ("The Name is : ", dictionary)
        users.append(dictionary)
        dictionary = ibm_db.fetch_both(stmt)
    if users:
        return render_template("list.html", users = users)
    return "success..."

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

```

