

SPRINT 2

Date	14November 2022
Team ID	PNT2022TMID49639
Project Name	Plasma Donor Application

index.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
<style>
*{
  margin: 0;
  padding: 0;
  font-family: sans-serif;
}

.banner{
  width: 100%;
  height: 100vh;
  background: linear-gradient(rgba(0,0,0,0.75),rgba(0,0,0,0.75)), url(bg.webp);
  background-size: cover;
  background-position: center;
}

.navbar{
  width: 85%;
  margin: auto;
  padding: 35px 0;
  display: flex;
  align-items: center;
  justify-content: space-between;
}

.logo{
  width: 120px;
  cursor: pointer;
}
```

```
.navbar ul li{
  list-style: none;
  display: inline-block;
  margin: 0 20px;
  position: relative;
}
```

```
.navbar ul li a{
  text-decoration: none;
  color: #fff;
  text-transform: uppercase;
}
```

```
.navbar ul li::after{
  content: ";
  height: 3px;
  width: 0;
  background: #99cce0;
  position: absolute;
  left: 0;
  bottom: -5px;
  transition: 0.5s;
}
```

```
.navbar ul li:hover::after{
  width: 100%;
}
```

```
.content{
  width: 100%;
  position: absolute;
  top: 50%;
  transform: translateY(-50%);
  text-align: center;
  color: #99cce0;
}
```

```
.content h1 {
  font-size: 70px;
```

```
    margin-top: 80px;
}
```

```
.content p{
    margin: 20px auto;
    font-weight: 100;
    line-height: 25px;
    color: aliceblue;
    font-family: 'Lucida Sans';
}
```

```
.form h2{
    width: 220px;
    font-family: sans-serif;
    text-align: center;
    color: #99cce0;
    font-size: 50px;
    background-color: #fff;
    border-radius: 10px;
    margin: 2px;
    padding: 8px;
}
```

```
.form input{
    width: 240px;
    height: 35px;
    background: transparent;
    border-bottom: 1px solid #99cce0;
    border-top: none;
    border-right: none;
    border-left: none;
    color: #fff;
    font-size: 15px;
    letter-spacing: 1px;
    margin-top: 30px;
    font-family: sans-serif;
}
```

```
.form input:focus{
    outline: none;
```

```

}

::placeholder{
    color: #fff;
    font-family: Arial;
}

.btnn{
    width: 240px;
    height: 40px;
    background: #99cce0;
    border: none;
    margin-top: 30px;
    font-size: 18px;
    border-radius: 10px;
    cursor: pointer;
    color: #fff;
    transition: 0.4s ease;
}

.btnn:hover{
    background: #fff;
    color: #99cce0;
}

.btnn a{
    text-decoration: none;
    color: #000;
    font-weight: bold;
}

.form .link{
    font-family: Arial, Helvetica, sans-serif;
    font-size: 17px;
    padding-top: 50px;
    text-align: center;
}

.form .link a{
    text-decoration: none;
    color: #99cce0;
}

.form{

```

```

font-family: Arial, Helvetica, sans-serif;
font-size: 17px;
padding-top: 50px;
text-align: center;
}
.form a{
text-decoration: none;
color: #99cce0;
}

</style>
<title>Index form</title>
<link rel="stylesheet" href="style.css">
</head>
<body>

<div class="banner">
<div class="navbar">


<ul>
<li><a href="#">CONTACT</a></li>
<li><a href="{ {'login'}}">LOGIN</a></li>
<li><a href="{ {'register'}}">DONOR </a></li>
<li><a href="{ {'registers'}}">RECIPIENT </a></li>
<li><a href="{ {'adminlogin'}}">ADMIN </a></li>
</ul>
</div>

</div>
<div class="img"></div>
<div class="center">
<div class="title"><p></p> </div>
<div class="sub_title"></div>
</div>
<div class="content">
<h1>PLASMA DONOR<br><span>APPLICATION</span> <br></h1>
<p>Need a reason to donate Plasma? <br>

```

The reason is giving someone another chance in life!!</p>

```
</div>
</div>
<script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
</body>
</html>
```

recipient.html:

```
<Html>

<head>
<style>
* {
  padding: 0;
  margin: 0;
  font-family: Verdana, Geneva, Tahoma, sans-serif;
}

body {
  background-color: rgb(223, 203, 218);
  background-size: cover;
}
</style>
<title>Registration form</title>
</head>
<center>
<h1 class="word">RECIPIENT REGISTRATION</h1>
</center>

<body>
  <br>
  <form action="{ { url_for('registers') } }" method="post">

    <label> Username:</label>
    <input type="text" name="username" placeholder="Enter your Username"
required> <br> <br>
    <label>Age:</label>
```

```
<input type="age" name="age" placeholder="How old are you?" required>
<br> <br>
<label>
    Blood Group:
</label>
<input type="bloodgroup" name="bloodgroup" placeholder="Bloodgroup"
required>
<br>
<br>

<label>
    Gender:
</label>
<input type="gender" name="gender" placeholder="Gender" required>
<br>
<br>
<label>
    Phone:
</label>
<!--<input type="text" name="countrycode" value="+91" size="2" />-->
<input type="text" name="phone" size="12" required> <br> <br>
Address<br>
<textarea name="address" cols="80" rows="5" value="address" required>
</textarea>
<br> <br>
Email:
<input type="email" id="email" name="email" placeholder="Enter your
email" required> <br>
<br> <br>
Password:
<input type="password" id="password" name="password" placeholder="Enter
your Password" required> <br>
<br> <br>
Confirm Password:
<input type="password" name="confirmpassword" placeholder="Confirm
your Password" required> <br> <br>
<label> Height:</label>
<input type="height" name="height" placeholder="Please write your height in
centimetres" required><br><br>
<label> Weight:</label>
```

```

        <input type="weight" name="weight" placeholder="Please write your weight
in centimetres" required>
        <br><br>
        <button>
        <input type="submit" value="REGISTER" />
    </button>
</form>
</body>

</html>

```

login.html:

```

<Html>

<head>
    <style>
    *{
        margin: 0%;
        padding: 0%;
        font-family: 'Verdana, Geneva, Tahoma, sans-serif'
    }

    body{
        background-color: rgb(223, 203, 218);
        background-size: cover;
    }
    </style>
    <title>Login form</title>
</head>
<center><br><br><br><br><br><br><br><br>
    <h1 class="word">DONOR LOGIN</h1>
</center>

<body>
    <br>
    <form action="{{ url_for('login') }}" method="post">
        <br> <center>
        <label> Username:</label>
        <input type="text" name="Username" size="15" /> <br> <br>
        <label> Password: </label>

```



```

        <input type="text" name="Password" size="15" />
        <br> <br> <br>
    </button>
        <input type="submit" value="LOGIN" />
    </button>
    </center>
</form>
</body>

</html>

```

app.py:

```

from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re

```

```

app = Flask(__name__)
app.secret_key = 'a'
conn =
ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb
7e483086.c1logj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32459;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=chd81862;PWD=5g7
PIVGFKudIoKIn",",")
@app.route('/')
def home():
    return render_template('index.html')
@app.route('/login', methods=['GET', 'POST'])
def login():
    global userid
    msg = ""
    if request.method == 'POST' and 'username' in request.form and 'password' in
request.form:
        username = request.form['username']
        password = request.form['password']
        stmt = ibm_db.prepare(conn,'SELECT * FROM registration WHERE username
= ? AND password = ?')
        ibm_db.bind_param(stmt,1,username)
        ibm_db.bind_param(stmt,2,password)
        ibm_db.execute(stmt)

```

```

account = ibm_db.fetch_assoc(stmt)
if account:
    session['loggedin'] = True
    session['username'] = account['USERNAME']
    msg = 'Logged in successfully !'
    return render_template('index.html', msg = msg)
else:
    msg = 'Incorrect username / password !'
return render_template('login.html', msg = msg)

```

```

@app.route('/logout')
def logout():
    session.pop('loggedin', None)
    session.pop('id', None)
    session.pop('username', None)
    return redirect(url_for('login'))

```

```

@app.route('/register', methods=['GET', 'POST'])
def register():
    msg = "
    if request.method == 'POST':
        username = request.form['username']
        age = request.form['age']
        bloodgroup = request.form['bloodgroup']
        gender = request.form['gender']
        phone= request.form['phone']
        address= request.form['address']
        email = request.form['email']
        password = request.form['password']
        confirmpassword = request.form['confirmpassword']
        height= request.form['height']
        weight = request.form['weight']
        sql = "SELECT * FROM registration 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)
        print(account)
        if account:
            msg = 'Account already exists !'

```

```

elif not re.match(r'^@]+@^[^@]+\.[^@]+', email):
    msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
    msg = 'Username must contain only characters and numbers !'
elif not username or not password or not username:
    msg = 'Please fill out the form !'
else:
    insert_sql = "INSERT INTO registration VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)"
    stmt = ibm_db.prepare(conn, insert_sql)
    ibm_db.bind_param(stmt, 1, username )
    ibm_db.bind_param(stmt, 2, age)
    ibm_db.bind_param(stmt, 3, bloodgroup)
    ibm_db.bind_param(stmt, 4, gender )
    ibm_db.bind_param(stmt, 5, phone )
    ibm_db.bind_param(stmt, 6, address )
    ibm_db.bind_param(stmt, 7, email )
    ibm_db.bind_param(stmt, 8, password )
    ibm_db.bind_param(stmt, 9, confirmpassword )
    ibm_db.bind_param(stmt, 10, height )
    ibm_db.bind_param(stmt, 11, weight )
    ibm_db.execute(stmt)

    msg = 'You have successfully registered !'
elif request.method == 'POST':
    msg = 'Please fill out the form !'

return render_template('registration page.html', msg = msg)

@app.route('/registers', methods=['GET', 'POST'])
def registers():
    msg = ""
    if request.method == 'POST':
        username = request.form['username']
        age = request.form['age']
        bloodgroup = request.form['bloodgroup']
        gender = request.form['gender']
        phone = request.form['phone']
        address = request.form['address']
        email = request.form['email']
        password = request.form['password']

```

```

confirmpassword = request.form['confirmpassword']
height= request.form['height']
weight = request.form['weight']
sql = "SELECT * FROM recipient 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)
print(account)
if account:
    msg = 'Account already exists !'
elif not re.match(r'^@]+@^[^@]+\.[^@]+', email):
    msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', username):
    msg = 'Username must contain only characters and numbers !'
elif not username or not password or not username:
    msg = 'Please fill out the form !'
else:
    insert_sql = "INSERT INTO recipient VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)"
    stmt = ibm_db.prepare(conn,insert_sql)
    ibm_db.bind_param(stmt, 1, username )
    ibm_db.bind_param(stmt, 2, age)
    ibm_db.bind_param(stmt, 3, bloodgroup)
    ibm_db.bind_param(stmt, 4, gender )
    ibm_db.bind_param(stmt, 5, phone )
    ibm_db.bind_param(stmt, 6, address )
    ibm_db.bind_param(stmt, 7, email )
    ibm_db.bind_param(stmt, 8, password )
    ibm_db.bind_param(stmt, 9, confirmpassword )
    ibm_db.bind_param(stmt, 10, height )
    ibm_db.bind_param(stmt, 11, weight )
    ibm_db.execute(stmt)

    msg = 'You have successfully registered !'
elif request.method == 'POST':
    msg = 'Please fill out the form !'

return render_template('recipient.html', msg = msg)

if __name__ == '__main__':

```

```
app.run(debug = True)
```

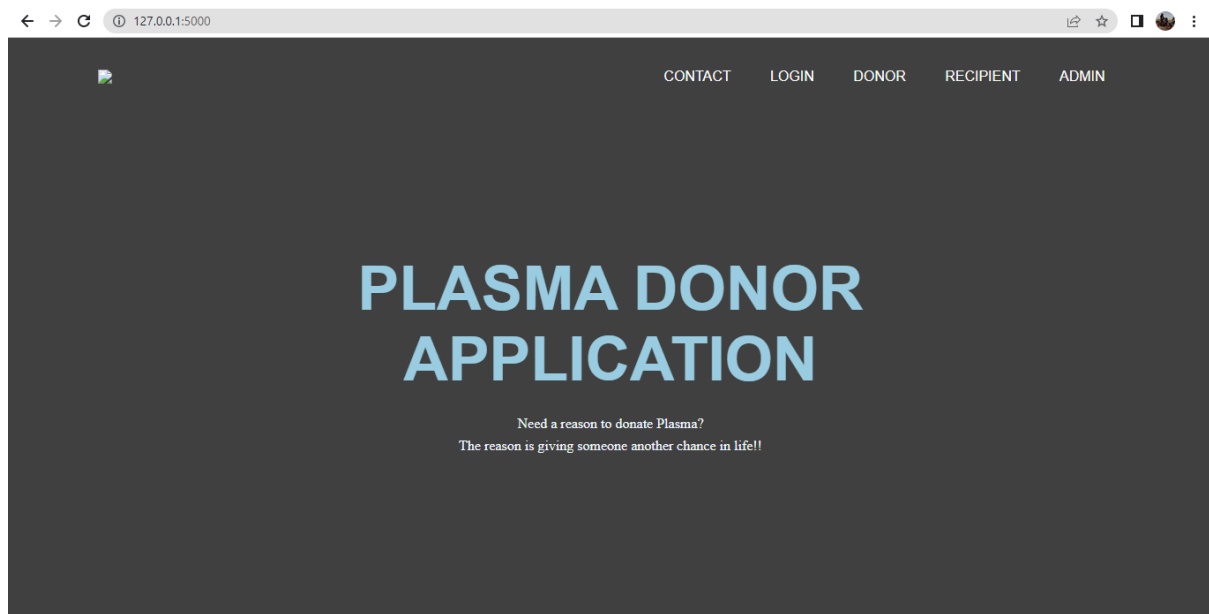
mail.py:

```
# importing libraries
from flask import Flask
from flask_mail import Mail, Message
app = Flask(__name__)
mail = Mail(app) # instantiate the mail class
# configuration of mail
app.config['MAIL_SERVER']='smtp.gmail.com'
app.config['MAIL_PORT'] = 465
app.config['MAIL_USERNAME'] = 'saranmathis2006@gmail.com'
app.config['MAIL_PASSWORD'] = 'iuxpzenmafdswiqv'
app.config['MAIL_USE_TLS'] = False
app.config['MAIL_USE_SSL'] = True
mail = Mail(app)

# message object mapped to a particular URL '/'
@app.route("/")
def index():
    msg = Message(
        'you have registered sucessfully',
        sender='saranmathis2006@gmail.com',
        recipients = ['sivasuvetha2001@gmail.com']
    )
    msg.body = 'Welcome to plasma donor application!! Thanks for registering '
    mail.send(msg)
    return'Sent'

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

OUTPUT:



A screenshot of a web browser displaying the 'RECIPIENT REGISTRATION' form. The browser's address bar shows the URL '127.0.0.1:5000/registers'. The form is set against a light purple background. The title 'RECIPIENT REGISTRATION' is at the top center in bold black text. The form contains the following fields and values:

- Username: Maha
- Age: 20
- Blood Group: AB+ve
- Gender: Female
- Phone: 6356832178
- Address: Thallakulam, Madurai, TamilNadu
- Email: maha@gmail.com
- Password: (masked with dots)
- Confirm Password: (masked with dots)
- Height: 165
- Weight: 47

At the bottom left of the form is a button labeled 'REGISTER'.

Service Details - IBM Cloud

IBM Db2 on Cloud

Login form

127.0.0.1:5000/login

DONOR LOGIN

Username: Mathu S

Password: 123

LOGIN

Service Details - IBM Cloud

IBM Db2 on Cloud

Index form

bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2F26683a04dfc04ef8b61b7da75...

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

CHD81862.RECIPIENT

Back

Export to CSV

USERNAME	AGE	BLOODGROUP	GENDER	PHONE	ADDRESS	EMAIL	PASSWORD	CONFIRMPASSWORD	HEIGHT	WEIGHT
Kavin	23	B+ve	Male	7087653219	Vannarapettai, Tirunelveli	kavin@gmail.com	kavin23	kavin23	170	63
Maha	20	AB+ve	Female	6356832178	Thallakulam, Madurai, Tamil Nadu	maha@gmail.com	12345	12345	165	47

[illegible]

A screenshot of a Gmail inbox. The left sidebar shows the 'Compose' button and a list of folders: 'Inbox' (114), 'Starred', 'Snoozed', 'Sent', 'Drafts' (5), and 'More'. Below the folders is a 'Labels' section with a plus icon. The main area displays an email from 'saranmathis2006@gmail.com' with the subject 'you have registered sucessfully'. The email body says 'Welcome to plasma donor application!! Thanks for registering' and includes a link to 'www.avast.com'. The email was received at '08:44 (0 minutes ago)'. At the bottom of the email, there are 'Reply' and 'Forward' buttons. The top of the email shows a search bar and various icons for email actions.