

SPRINT-1

DATE	29 october 2022
Team ID	PNT2022TMID24121
Project Name	Plasma Donor web Application

CODE:

Index.html:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<style>
```

```
*{
```

```
    margin: 0;
```

```
    padding: 0;
```

```
}
```

```
.main{
```

```
    width: 100%;
```

```
    background: linear-gradient(to top, rgba(0,0,0,0.5)50%,rgba(0,0,0,0.5)50%), url(register.jpg);
```

```
    background-position: center;
```

```
    background-size: cover;
```

```
    height: 100vh;
```

```
}
```

```
.navbar{
```

```
    width: 1200px;
```

```
    height: 70px;KK
```

```
    margin: auto;
```

```
}  
.icon{  
    width: 100px;  
    float: left;  
    height: 70px;  
}  
.menu{  
    width: 400px;  
    float: left;  
    height: 60px;  
}  
ul{  
    float: left;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}  
ul li{  
    list-style: none;  
    margin-left: 62px;  
    margin-top: 27px;  
    font-size: 15px;  
}  
ul li a{  
    text-decoration: none;  
    color: #fff;  
    font-family: Arial;
```

```
    font-weight: bold;
    transition: 0.4s ease-in-out;
}
ul li a:hover{
    color: #ff7200;
}
.btn{
    width: 100px;
    height: 40px;
    background: #ff7200;
    border: 2px solid #ff7200;
    margin-top: 13px;
    color: #fff;
    font-size: 15px;
    border-bottom-right-radius: 5px;
    border-bottom-right-radius: 5px;
    transition: 0.2s ease;
    cursor: pointer;
}
.btn:hover{
    color: #000;
}

.btn:focus{
    outline: none;
}
```

```
.srch:focus{
    outline: none;
}

.content{
    width: 1200px;
    height: auto;
    margin: auto;
    color: #fff;
    position: relative;
}

.content .par{
    padding-left: 25px;
    padding-bottom: 25px;
    font-family: Arial;
    letter-spacing: 1.2px;
    line-height: 30px;
}

.content h1 {
    font-family: 'Times New Roman';
    font-size: 50px;
    padding-left: 20px;
    margin-top: 9%;
    letter-spacing: 2px;
}

.content .cn{
    width: 160px;
    height: 40px;
```

```
background: #ff7200;
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}

.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}

.content span{
color: #ff7200;
font-size: 65px
}

.form{
width: 250px;
height: 200px;
background: linear-gradient(to top, rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
transform: translate(0%,-5%);
border-radius: 10px;
```

```
padding: 25px;
}
.form h2{
width: 220px;
font-family: sans-serif;
text-align: center;
color: #ff7200;
font-size: 22px;
background-color: #fff;
border-radius: 10px;
margin: 2px;
padding: 8px;
}
.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid #ff7200;
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: #ff7200;
    border: none;
    margin-top: 30px;
    font-size: 18px;
    border-radius: 10px;
    cursor: pointer;
    color: #fff;
    transition: 0.4s ease;
}
.btnn:hover{
    background: #fff;
    color: #ff7200;
}
.btnn a{
    text-decoration: none;
    color: rgba(22, 21, 21, 0.801);
    font-weight: bold;
```

```
}  
.form .link{  
    font-family: Arial, Helvetica, sans-serif;  
    font-size: 17px;  
    padding-top: 20px;  
    text-align: center;  
}  
.form .link a{  
    text-decoration: none;  
    color: #ff7200;  
}  
.liw{  
    padding-top: 15px;  
    padding-bottom: 10px;  
    text-align: center;  
}  
.icons a{  
    text-decoration: none;  
    color: #fff;  
}  
.icons ion-icon{  
    color: #fff;  
    font-size: 30px;  
    padding-left: 14px;  
    padding-top: 5px;  
    transition: 0.3s ease;  
}
```



```
.icons ion-icon:hover{  
    color: #ff7200;  
}
```

```
<title>Index form</title>
```

```
<link rel="stylesheet" href="style.css">
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="main">
```

```
<div class="navbar">
```

```
<div class="menu">
```

```
<ul>
```

```
<li><a href="#">HOME</a></li>
```

```
<li><a href="#">ABOUT</a></li>
```

```
<li><a href="#">CONTACT</a></li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
<div class="content">
```

```
<h1>PLASMA DONOR <br><span>WEB APPLICATION</span> <br></h1>
```

```
<p class="par">During COVID 19 crisis there requirement for plasma increased  
drastically as there were no <br>
```

```
    vaccinations found in order to treat the infected patients. In such situation it was  
very difficult <br>
```

```
    to find the plasma donor, check whether the donor was infected previously and  
was recovered, <br>and which donor is eligible to donate plasma was a challenging task.</p>
```

```
<div class="form">
```

```
<p class="par">DONOR LOGIN</p>
```

```
<a href="{{ 'login' }}">Login</a>
<p class="link">Don't have an account<br>
  <a href="{{ 'register' }}">Sign up </a> here</a></p>
</div>,.

```

```
</div>

```

```
</div>

```

```
</div>

```

```
</div>

```

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

```

```
</body>

```

```
</html>

```

Register.html:

```
<Html>

```

```
<head>

```

```
  <title>Registration form</title>

```

```
</head>

```

```
<center>

```

```
  <h1 class="word">DONOR REGISTRATION</h1>

```

```
</center>

```

```
<style>

```

```
  body {

```

```
    background-image: url(register.jpg);

```

```
    background-repeat: no-repeat;

```

```
    background-position: right;

```

```
}
</style>
<br>
<body>
    <form action="{ { url_for('register') } }" method="post">

        <label> Username:</label>

        <input type="text" name="username" size="15" /> <br> <br>

        <label>Age:*</label>

        <input type="age" name="age" /> <br> <br>

        <label>

            Blood Group*:

        </label>

        <input type="bloodgroup" name="bloodgroup" />

        <br>

        <br>

        <label lastdonatedate>Last Donate Date:*</label>

        <input type="lastdonatedate" name="lastdonatedate" /> <br> <br>

        <label>

            Gender *:

        </label>

        <input type="gender" name="gender">

        <br>

        <br>

        <label>

            Phone *:

        </label>
```

```
<!--<input type="text" name="countrycode" value="+91" size="2" />-->
<input type="text" name="phone" size="10" /> <br> <br>
Address<br>
<textarea name="address" cols="80" rows="5" value="address">
</textarea>
<br> <br>
Email *:
<input type="email" id="email" name="email" /> <br>
<br> <br>
Password:
<input type="password" id="password" name="password"> <br>
<br> <br>
Confirm Password:
<input type="password" name="confirmpassword"> <br> <br>
<label> Height*:</label>
<input type="height" name="height" placeholder="Please write your height in
centimetres"><br><br>
<label> Weight*:</label>
<input type="weight" name="weight" placeholder="Please write your weight in
centimetres">
<br><br>
<footer>* Required field</footer><br><br>
<button>
<input type="submit" value="REGISTER" />
</button>
</form>
</body>
</html>
```

Login.html:

```
<Html>

<head>

    <title>Registration form</title>

</head>

<center>

    <h1 class="word">DONOR REGISTRATION</h1>

</center>

<style>
body {
    background-image: url(register.jpg);
    background-repeat: no-repeat;
    background-position: right;
}
</style>

<br>

<body>

    <form action="{ { url_for('register') } }" method="post">

<label> Username:</label>

    <input type="text" name="username" size="15" /> <br> <br>

    <label>Age:*</label>

    <input type="age" name="age" /> <br> <br>

    <label>

        Blood Group*:

    </label>

    <input type="bloodgroup" name="bloodgroup" />

    <br>
```


<label lastdonatedate>Last Donate Date:*</label>

<input type="lastdonatedate" name="lastdonatedate" />

<label>

Gender *:

</label>

<input type="gender" name="gender">

<label>

Phone *:

</label>

<!--<input type="text" name="countrycode" value="+91" size="2" />-->

<input type="text" name="phone" size="10" />

Address

<textarea name="address" cols="80" rows="5" value="address">

</textarea>

Email *:

<input type="email" id="email" name="email" />

Password:

<input type="password" id="password" name="password">

Confirm Password:

<input type="password" name="confirmpassword">

<label> Height*:</label>

```

        <input type="height" name="height" placeholder="Please write your height in
centimetres"><br><br>

        <label> Weight*:</label>

        <input type="weight" name="weight" placeholder="Please write your weight in
centimetres">

        <br><br>

        <footer>* Required field</footer><br><br>

        <button>

        <input type="submit" value="REGISTER" />

    </button>

</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=6667d8e9-9d4d-4ccb-ba32-
21da3bb5aafe.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=30376;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=ldc29737;PWD=8chltNu9YvPRo0Sw", "", "")

@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 donor 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']
lastdonatedate= request.form['lastdonatedate']
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 donor 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 donor 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, lastdonatedate )

ibm_db.bind_param(stmt, 5, gender )

ibm_db.bind_param(stmt, 6, phone )

ibm_db.bind_param(stmt, 7, address )

ibm_db.bind_param(stmt, 8, email )

ibm_db.bind_param(stmt, 9, password )

ibm_db.bind_param(stmt, 10, confirmpassword )

ibm_db.bind_param(stmt, 11, height)

ibm_db.bind_param(stmt, 12, weight )

ibm_db.execute(stmt)

msg = 'You have successfully registered !'

elif request.method == 'POST':

    msg = 'Please fill out the form !'

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

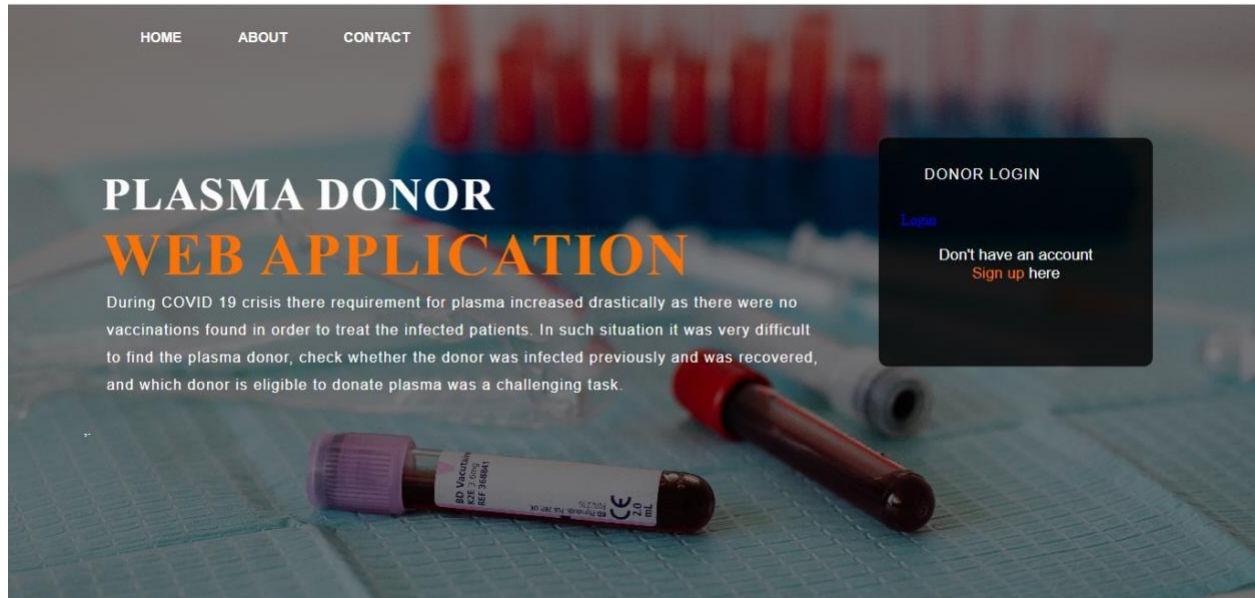
if __name__ == '__main__':

    app.run(debug = True)

```

OUTPUT

Index page:



Login page

DONOR LOGIN

Username:

Password:



DONOR LOGIN

Username:

Password:



Register page

DONOR REGISTRATION

Username:

Age*:

Blood Group*:

Last Donate Date*:

Gender *:

Phone *:

Address

Email *:

Password:

Confirm Password:

Height*: Please write your height in cm

Weight*: Please write your weight in kg

* Required field

DONOR REGISTRATION

Username:

Age*:

Blood Group*:

Last Donate Date*:

Gender *:

Phone *:

Address

Email *:

Password:

Confirm Password:

Height*:

Weight*:

* Required field



Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects



SQL



LDC29737.DONOR

[Back](#)[Export to CSV](#)

USERNAME	AGE	BLOODGROUP	LASTDONATEDATE	GENDER	PHONE	ADDRESS	EMAIL	PASSWORD	CONFIRMPASSWORD
ammu	21	B+	22102000	female	9467454101	chandigar	ammu@gmail.com	123	123
remy	23	m	5678	hfyhju	8658	dcxvfcxbn	jos@gmail.com	remy	remy