SPRINT-1

Team ID	PNT2022TMID07636
Project Name	Plasma Donor web Application

CODE:

Index.html:

```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;
```

```css
        }
        .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;
```

```css
        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;

}
```

```css
.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;
```

```css
    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;
```

```css
        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;

}
```

```css
.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;
```

```css
}
.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>
```

```html
                    <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
<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;
```

```html
    }
  </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>
```

```html
<!--<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
<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>
```

```html
    <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:

```python
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-ba32-21da3bb5aafc.c1ogj3sd0tgtu0lqde00.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
```

```python
    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':
```

```python
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:
```

```python
        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)
```
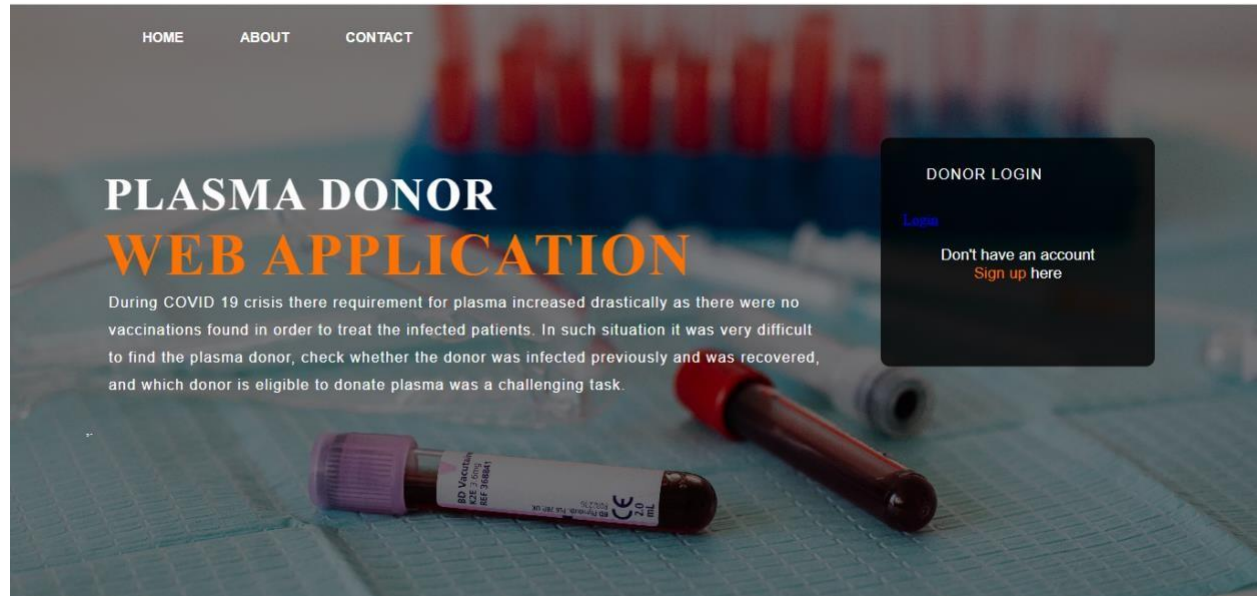
OUTPUT

Index page:

Login page

DONOR LOGIN

Username: [ ]
Password: [ ]

[LOGIN]

Register page

DONOR REGISTRATION

Username:
Age:*:
Blood Group*:
Last Donate Date:*
Gender *:
Phone *:
Address

Email *:
Password:
Confirm Password:
Height*: Please write your height in
Weight*: Please write your weight in
* Required field

REGISTER

Username: ammu
Age:*: 21
Blood Group*: B+
Last Donate Date:* 22102000
Gender *: female
Phone *: 9467454101
Address
chandigar

Email *: ammu@gmail.com
Password: •••
Confirm Password: •••
Height*: 123
Weight*: 48
* Required field

REGISTER

Load Data   Load History   **Tables**   Views   Indexes   Aliases   MQTs   Sequences   Application objects

LDC29737.DONOR

Back

Export to CSV

USERNAME	AGE	BLOODGROUP	LASTDONATEDATE	GENDER	PHONE	ADDRESS	EMAIL	PASSWORD	CONFIRMPASSWORD
ammu	21	B+	22102000	female	9467454 101	chandigar	ammu@g mail.com	123	123
remy	23	m	5678	hfyhju	8658	dcxvfcxbn	jos@gma il.com	remy	remy