

SPRINT-1

DATE	10 November 2022
Team ID	PNT2022TMID00943
Project Name	Plasma Donor Application

The following user stories are implemented in this sprint.

- USN-1: As a user, I can register for the application by entering my email, password, and confirming my password.
- USN-2: As a user, I can log into the application using my registered email & password.

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 turtle import st

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

from markupsafe import escape


import ibm_db

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=125f9f61-9715-46f9-9399-
c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30426;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=nzt49281;PWD=fY040mbueWafbI0c",
")

app = Flask(__name__)

@app.route('/')

def home():

    return render_template('index.html')

@app.route('/reg',methods = ['POST', 'GET'])

def reg():

    if request.method == 'POST':

```



```
username = request.form['username']
password = request.form['password']
email = request.form['email']
blood=request.form['blood-group']
gender=request.form['gender']
age=request.form['age']
address=request.form['address']
phone=request.form['mobile']
insert_sql = "INSERT INTO register VALUES (?, ?, ?, ?, ?, ?, ?, ?)"
prep_stmt = ibm_db.prepare(conn, insert_sql)
ibm_db.bind_param(prepare_stmt, 1, username)
ibm_db.bind_param(prepare_stmt, 3, password)
ibm_db.bind_param(prepare_stmt, 2, email)
ibm_db.bind_param(prepare_stmt, 4, blood)
ibm_db.bind_param(prepare_stmt, 5, gender)
ibm_db.bind_param(prepare_stmt, 6, age)
ibm_db.bind_param(prepare_stmt, 7, address)
ibm_db.bind_param(prepare_stmt, 8, phone)
ibm_db.execute(prepare_stmt)
```

```
return render_template('index.html',msg="saved successfully")
```

```
@app.route('/login',methods = ['POST', 'GET'])
```

```
def login():
```

```
if request.method == 'POST':
```

```
    username = request.form['username']
```

```
    password = request.form['password']
```

```
sql="SELECT * FROM registration WHERE username=? and password=? ";
stmt =ibm_db.prepare(conn,sql)
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:
    bg=account['blood-group']
    return render_template('dash.html', msg="welcome to our platform where you can track your
expenses")
else:
    return render_template('index.html',msg="Incorrect Email and Password")
return render_template('dash.html')

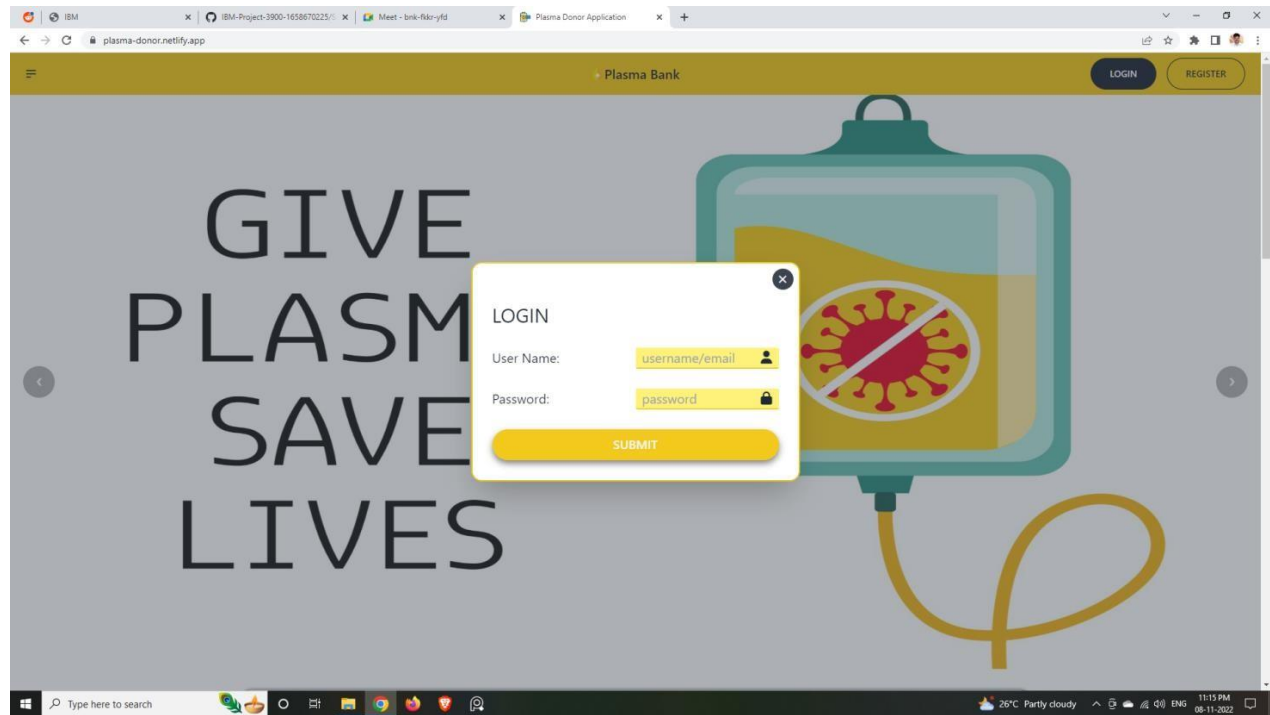
if __name__ == "__main__":
    app.run(debug=True)
```

SCREENSHOTS:

Index page:



Login page



Register page

The screenshot shows a web browser window with the URL `plasma-donor.netlify.app`. The page has a header with the Plasma Bank logo and navigation buttons for LOGIN and REGISTER. The main content area features a large background image with the text "GIVE PLASMA SAVE LIVES" and a graphic of a plasma bag. A registration form is displayed as a modal overlay with the following fields:

- Name:
- Email ID:
- DOB:
- Gender: ☐ Male ☐ Female ☐
- Mobile:
- Age:
- Create Password:
- Confirm Password:

At the bottom of the form are two buttons: SUBMIT and RESET.

The screenshot shows the same Plasma Bank Register page, but with a different set of data entered into the registration form. The background content is partially visible, including sections titled "No of Donors", "About Us", and "Who can donate?". The registration form fields are pre-filled with the following values:

- Name:
- Email ID:
- DOB:
- Gender: ☒ Male ☐ Female ☐
- Mobile:
- Age:
- Blood Group:
- Address:
- Create Password:
- Confirm Password:

The SUBMIT and RESET buttons are still present at the bottom of the form. A virtual assistant chat bubble is visible in the bottom right corner with the text: "Hi! I'm a virtual assistant. How can I help you today?"

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

SQL

NTZ49281.REGISTER

Back

Export to CSV

USERNAME	PASSWORD	EMAIL	BLOOD-GROUP	GENDER	AGE	ADDRESS	PHONE
sam	sam@gmail.com	Sham123@	AB+	male	23	chennai	1432674232

Activate Windows
Go to Settings to activate Windows.

Screenshot (88).pngScreenshot (93).pngScreenshot (92).pngSPRINT 1 (2).docxSPRINT 1 (2).pdfSPRINT 1 (1).pdf

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