

## SPRINT 4

DATE	19 November 2022
TEAM ID	PNT2022TMID49639
PROJECT JNAME	Plasma Donor Application

Index.html:

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <title></title>
```

```
<style>
```

```
  *{
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    font-family: sans-serif;
```

```
  }
```

```
body{
```

```
  background-image:
```

```
  url(https://png.pngtree.com/thumb_back/fh260/back_our/20190621/ourmid/
  pngtree-blood-donation-art-free-simple-white-banner-image_180424.jpg);
```

```
  background-repeat: no-repeat;
```

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

```
font-family: Verdana, Geneva, Tahoma, sans-serif;  
}
```

```
.banner{  
  width: 100%;  
  height: 100vh;  
  background: linear-gradient(rgba(0,0,0,0.75),rgba(0,0,0,0.75));  
  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: black;  
    text-transform: uppercase;  
}
```

```
.navbar ul li::after{  
    content: "";  
    height: 3px;  
    width: 0;  
    background: #07445c;  
    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: #07445c;  
}
```

```
.content h1{  
    font-size: 70px;  
    margin-top: 80px;  
}
```

```
.content p{  
    margin: 20px auto;
```

```
font-weight: 100;
line-height: 25px;
color: black;
font-family: 'Lucida Sans';
}
```

```
.form h2{
width: 220px;
font-family: sans-serif;
text-align: center;
color: #07445c;
font-size: 50px;
background-color: #000;
border-radius: 10px;
margin: 2px;
padding: 8px;
}
```

```
.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid #07445c;
```

```
border-top: none;
border-right: none;
border-left: none;
color: rgb(138, 103, 103);
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
font-family: sans-serif;
}
```

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

```
::placeholder{
    color: rgb(138, 103, 103);
    font-family: Arial;
}
```

```
.btnn{
    width: 240px;
    height: 40px;
    background: #07445c;
```

```
border: none;

margin-top: 30px;

font-size: 18px;

border-radius: 10px;

cursor: pointer;

color: rgb(138, 103, 103);

transition: 0.4s ease;
}

.btnn:hover{

background: rgb(138, 103, 103);

color: #07445c;
}

.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: #07445c;  
}
```

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

```
.form a{  
    text-decoration: none;  
    color: #07445c;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
    <div class="full-page">
```

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

```
            <div>
```

```
                <a href='index.html'></a>
```



</div>

<nav>

<ul id='MenuItems'>

<li><a href="{{login}}">LOGIN</a></li>

<li><a href="{{register}}">DONOR</a></li>

<li><a href="{{registers}}">RECIPIENT</a></li>

</ul>

</nav>

</div>

<div class="content">

<h1>PLASMA DONOR APPLICATION<br></h1>

<p>Need a reason to donate Plasma? <br>

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

</div>

</body>

</html>

Donor.html:

<Html>

<head>

<title>Registration form</title>

</head>

<center>

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

</center>

<style>

body{

background-image:  
url(https://c0.wallpaperflare.com/preview/970/18/534/antibiotic-blur-  
cocktail-glass-cocktail-tablets.jpg);

background-repeat: no-repeat;

background-size: cover;

font-family: Verdana, Geneva, Tahoma, sans-serif;

}

</style>

<br>

<form action="{{ url\_for('register') }}" method="post">

<label> Username:</label>

<input type="text" name="username" size="15" 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="Enter your  
bloodgroup" required/>

<br>

<br>

Gender:

</label>

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

<br>

<br>

<label>

Phone:

</label>

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

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

<br><br>

<button>

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

</button>

</form>

</body>

</html>

Recipient.html:

<head>

    <title>Registration form</title>

</head>

<center>

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

</center>

<style>

    body{

        background-image:  
url(https://c0.wallpaperflare.com/preview/970/18/534/antibiotic-blur-  
cocktail-glass-cocktail-tablets.jpg);

        background-repeat: no-repeat;

        background-size: cover;

        font-family: Verdana, Geneva, Tahoma, sans-serif;

    }

</style>

<body style="background-color:lightcyan">

    <br>

    <form action="{{ url\_for('registers') }}" method="post">

<label> Username:</label>

<input type="text" name="username" size="15" 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="Enter your bloodgroup" required />

<br>

<br>

<label>

Gender:

</label>

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

<br>

<br>

<label>

Phone:

</label>

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

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

```
<br><br>

<button>

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

</button>

</form>

</body>

</html>
```

Login.html:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <title>Login form</title>

</head>

<center><br><br><br><br>

  <h1 class="word">LOGIN</h1>

</center>

<style>

  body{

    background-image:
url(https://i.pinimg.com/originals/1f/7f/dd/1f7fdd78b67bf83cdb0ad02915b8b410.jpg);

    background-repeat: no-repeat;
```



```
        background-size: cover;

        font-family: Verdana, Geneva, Tahoma, sans-serif;

    }
</style>

<body>

    <form action="/login" method="post">

        <div class="full-page">

            <div class="sub-page">

                <div class="navigation-bar">

                    <div class="logo">

                        <a href='login.html'></a>

                    </div>

                </div>

            </div>

            <div class="row">

                <div class="col-1">

                    <div class="form-box">

                        <div class="form">

                            <form class="login-form">

                                <br>

                                <center>

                                    <input type="text" name="username" placeholder="Enter
Your Username" size="15" /><br>

                                    <br>
```

```
        <input type="text" name="password" placeholder="Enter  
Your password" size="15" /><br><br>
```

```
        <button>
```

```
            <input type="submit" value="LOGIN" />
```

```
        </button>
```

```
    </center>
```

```
    </form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<script src='https://code.jquery.com/jquery-3.2.1.min.js'>
```

```
</script>
```

```
<script>
```

```
    $(' .message a').click(function(){ $('form').animate({height: "toggle",opacity:  
"toggle"},"slow");});
```

```
</script>
```

```
</form>
```

```
</body>
```

```
</html>
```

Userdashboard.html:

```
<!DOCTYPE html>
```

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

```
<head>
```

```
<meta charset="UTF-8">
```

```
<!-- Boxicons CDN Link -->
```

```
<link href='https://unpkg.com/boxicons@2.0.7/css/boxicons.min.css'  
rel='stylesheet'>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<style>
```

```
/* Googlefont Poppins CDN Link */
```

```
@import
```

```
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;50  
0;600;700&display=swap');
```

```
{
```

```
margin: 0;
```

```
padding: 0;
```

```
box-sizing: border-box;
```

```
font-family: 'Poppins', sans-serif;
```

```
}
```

```
.sidebar{
```

```
position: fixed;
```

```
height: 100%;
```

```
width: 240px;

background: #a3e66d;

transition: all 0.5s ease;
}

.sidebar.active{

width: 60px;

}

.sidebar .logo-details{

height: 80px;

display: flex;

align-items: center;

}

.sidebar .logo-details i{

font-size: 28px;

font-weight: 500;

color: #fff;

min-width: 60px;

text-align: center

}

.sidebar .logo-details .logo_name{

color: #fff;

font-size: 24px;

font-weight: 500;
```

```
}  
  
.sidebar .nav-links{  
    margin-top: 10px;  
}  
  
.sidebar .nav-links li{  
    position: relative;  
    list-style: none;  
    height: 50px;  
}  
  
.sidebar .nav-links li a{  
    height: 100%;  
    width: 100%;  
    display: flex;  
    align-items: center;  
    text-decoration: none;  
    transition: all 0.4s ease;  
}  
  
.sidebar .nav-links li a.active{  
    background: #a3e66d;  
}  
  
.sidebar .nav-links li a:hover{  
    background: #a3e66d;  
}
```

```
.sidebar .nav-links li i{  
    min-width: 60px;  
    text-align: center;  
    font-size: 18px;  
    color: #fff;  
}
```

```
.sidebar .nav-links li a .links_name{  
    color: #fff;  
    font-size: 15px;  
    font-weight: 400;  
    white-space: nowrap;  
}
```

```
.sidebar .nav-links .log_out{  
    position: absolute;  
    bottom: 0;  
    width: 100%;  
}
```

```
.home-section{  
    position: relative;  
    background: #f5f5f5;  
    min-height: 100vh;  
    width: calc(100% - 240px);  
    left: 240px;
```

```
    transition: all 0.5s ease;
}

.sidebar.active ~ .home-section{

    width: calc(100% - 60px);

    left: 60px;
}

.home-section nav{

    display: flex;

    justify-content: space-between;

    height: 80px;

    background: #fff;

    display: flex;

    align-items: center;

    position: fixed;

    width: calc(100% - 240px);

    left: 240px;

    z-index: 100;

    padding: 0 20px;

    box-shadow: 0 1px 1px rgba(0, 0, 0, 0.1);

    transition: all 0.5s ease;
}

.sidebar.active ~ .home-section nav{

    left: 60px;
```

```
width: calc(100% - 60px);
}

.home-section nav .sidebar-button{
  display: flex;
  align-items: center;
  font-size: 24px;
  font-weight: 500;
}

nav .sidebar-button i{
  font-size: 35px;
  margin-right: 10px;
}

.home-section nav .profile-details{
  display: flex;
  align-items: center;
  background: #F5F6FA;
  border: 2px solid #EFEF1;
  border-radius: 6px;
  height: 50px;
  min-width: 190px;
  padding: 0 15px 0 2px;
}

nav .profile-details img{
```



```
height: 40px;

width: 40px;

border-radius: 6px;

object-fit: cover;
}

nav .profile-details .admin_name{

font-size: 15px;

font-weight: 500;

color: #333;

margin: 0 10px;

white-space: nowrap;
}

nav .profile-details i{

font-size: 25px;

color: #333;
}

.home-section .home-content{

position: relative;

padding-top: 104px;
}

.home-content .overview-boxes{

display: flex;

align-items: center;
```

```
justify-content: space-between;

flex-wrap: wrap;

padding: 0 20px;

margin-bottom: 26px;
}

.overview-boxes .box{

display: flex;

align-items: center;

justify-content: center;

width: calc(100% / 4 - 15px);

background: #fff;

padding: 15px 14px;

border-radius: 12px;

box-shadow: 0 5px 10px rgba(0,0,0,0.1);
}

.overview-boxes .box-topic{

font-size: 20px;

font-weight: 500;
}

.home-content .box .number{

display: inline-block;

font-size: 35px;

margin-top: -6px;
```

```
    font-weight: 500;
}

.home-content .box .indicator{

    display: flex;

    align-items: center;
}

.home-content .box .indicator i{

    height: 20px;

    width: 20px;

    background: #8FDACB;

    line-height: 20px;

    text-align: center;

    border-radius: 50%;

    color: #fff;

    font-size: 20px;

    margin-right: 5px;
}

.box .indicator i.down{

    background: #e87d88;
}

.home-content .box .indicator .text{

    font-size: 12px;
}
```

```
.home-content .box .cart{  
    display: inline-block;  
    font-size: 32px;  
    height: 50px;  
    width: 50px;  
    background: #cce5ff;  
    line-height: 50px;  
    text-align: center;  
    color: #66b0ff;  
    border-radius: 12px;  
    margin: -15px 0 0 6px;  
}
```

```
.home-content .box .cart.two{  
    color: #2BD47D;  
    background: #C0F2D8;  
}
```

```
.home-content .box .cart.three{  
    color: #ffc233;  
    background: #ffe8b3;  
}
```

```
.home-content .box .cart.four{  
    color: #e05260;  
    background: #f7d4d7;
```

```
}

.home-content .total-order{

  font-size: 20px;

  font-weight: 500;

}

.home-content .sales-boxes{

  display: flex;

  justify-content: space-between;

  /* padding: 0 20px; */

}


/* left box */

.home-content .sales-boxes .recent-sales{

  width: 65%;

  background: #fff;

  padding: 20px 30px;

  margin: 0 20px;

  border-radius: 12px;

  box-shadow: 0 5px 10px rgba(0, 0, 0, 0.1);

}

.home-content .sales-boxes .sales-details{

  display: flex;

  align-items: center;
```

```
    justify-content: space-between;
}

.sales-boxes .box .title{

    font-size: 24px;

    font-weight: 500;

    /* margin-bottom: 10px; */
}

.sales-boxes .sales-details li.topic{

    font-size: 20px;

    font-weight: 500;
}

.sales-boxes .sales-details li{

    list-style: none;

    margin: 8px 0;
}

.sales-boxes .sales-details li a{

    font-size: 18px;

    color: #333;

    font-size: 400;

    text-decoration: none;
}

.sales-boxes .box .button{

    width: 100%;
```

```
display: flex;

justify-content: flex-end;
}

.sales-boxes .box .button a{

color: #fff;

background: #a3e66d;

padding: 4px 12px;

font-size: 15px;

font-weight: 400;

border-radius: 4px;

text-decoration: none;

transition: all 0.3s ease;
}

.sales-boxes .box .button a:hover{

background: #a3e66d;
}


/* Right box */

.home-content .sales-boxes .top-sales{

width: 35%;

background: #fff;

padding: 20px 30px;

margin: 0 20px 0 0;
```

```
border-radius: 12px;

box-shadow: 0 5px 10px rgba(0, 0, 0, 0.1);
}

.sales-boxes .top-sales li{

display: flex;

align-items: center;

justify-content: space-between;

margin: 10px 0;
}

.sales-boxes .top-sales li a img{

height: 40px;

width: 40px;

object-fit: cover;

border-radius: 12px;

margin-right: 10px;

background: #333;
}

.sales-boxes .top-sales li a{

display: flex;

align-items: center;

text-decoration: none;
}

.sales-boxes .top-sales li .product,
```



```
.price{
    font-size: 17px;
    font-weight: 400;
    color: #333;
}

/* Responsive Media Query */
@media (max-width: 1240px) {
    .sidebar{
        width: 60px;
    }
    .sidebar.active{
        width: 220px;
    }
    .home-section{
        width: calc(100% - 60px);
        left: 60px;
    }
    .sidebar.active ~ .home-section{
        /* width: calc(100% - 220px); */
        overflow: hidden;
        left: 220px;
    }
    .home-section nav{
```

```
width: calc(100% - 60px);

left: 60px;

}

.sidebar.active ~ .home-section nav{

width: calc(100% - 220px);

left: 220px;

}

}

@media (max-width: 1150px) {

.home-content .sales-boxes{

flex-direction: column;

}

.home-content .sales-boxes .box{

width: 100%;

overflow-x: scroll;

margin-bottom: 30px;

}

.home-content .sales-boxes .top-sales{

margin: 0;

}

}

@media (max-width: 1000px) {

.overview-boxes .box{
```

```
width: calc(100% / 2 - 15px);

margin-bottom: 15px;

}

}

@media (max-width: 700px) {

  nav .sidebar-button .dashboard,

  nav .profile-details .admin_name,

  nav .profile-details i{

    display: none;

  }

  .home-section nav .profile-details{

    height: 50px;

    min-width: 40px;

  }

  .home-content .sales-boxes .sales-details{

    width: 560px;

  }

}

@media (max-width: 550px) {

  .overview-boxes .box{

    width: 100%;

    margin-bottom: 15px;

  }

}
```

```
.sidebar.active ~ .home-section nav .profile-details{  
    display: none;  
}  
}  
  
@media (max-width: 400px) {  
    .sidebar{  
        width: 0;  
    }  
    .sidebar.active{  
        width: 60px;  
    }  
    .home-section{  
        width: 100%;  
        left: 0;  
    }  
    .sidebar.active ~ .home-section{  
        left: 60px;  
        width: calc(100% - 60px);  
    }  
    .home-section nav{  
        width: 100%;  
        left: 0;  
    }  
}
```

```
.sidebar.active ~ .home-section nav{

  left: 60px;

  width: calc(100% - 60px);

}

}

</style>

</head>

<body>

<div class="sidebar">

  <div class="logo-details">

    <i class='bx bxl-c-plus-plus'></i>

    <span class="logo_name">PLASMA DONOR</span>

  </div>

  <ul class="nav-links">

    <li>

      <a href="/profile">

        <i class='bx bx-box' ></i>

        <span class="links_name">profile</span>

      </a>

    </li>

    <li>

      <a href="/display">

        <i class='bx bx-box' ></i>
```

```
<span class="links_name">Request</span>
</a>
</li>
<li>
  <a href="#">
    <i class='bx bx-list-ul' ></i>
    <span class="links_name">Contact Us</span>
  </a>
</li>

<li class="log_out">
  <a href="#">
    <i class='bx bx-log-out'></i>
    <span class="links_name">Log out</span>
  </a>
</li>
</ul>
</div>
<section class="home-section">

</script>
</body>
```

</html>

Display.html:

<html>

<head>

<title>display</title>

</head>

<style>

body{

background-image:  
url([https://png.pngtree.com/thumb\\_back/fh260/back\\_our/20190620/ourmid/  
pngtree-blood-donation-love-dedication-public-welfare-poster-background-  
template-image\\_145977.jpg](https://png.pngtree.com/thumb_back/fh260/back_our/20190620/ourmid/pngtree-blood-donation-love-dedication-public-welfare-poster-background-template-image_145977.jpg));

background-repeat: no-repeat;

background-size: cover;

font-family: Verdana, Geneva, Tahoma, sans-serif;

}

</style>

<body>

<div>

<center>

```
<div class="name"><span>DONORS</span></div>
```

```
<div class="val">
```

```
  {% for val in data %}
```

```
    <div>{{val}}</div>
```

```
  {% endfor %}
```

```
</div>
```

```
{% if state == "SENT" %}
```

```
  <!-- <div class="area">
```

```
    <ul class="circles">
```

```
      <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
    <li></li>
```

```
  </ul>
```



</div> -->

</center>

<div class="mail " >Request Email Sent Successfully...! </div>

{% else %}

<form action="/send\_email" method="post">

<br>

<br>

<label> Blood Group:</label>

<input type="text" name="bloodgroup"  
value="{{bloodgroup}}"/>

<br>

<label> Email:</label>

<input type="text" name="email1"/>

<br>

<button type="submit" class="button1">NOTIFY</button>

```
        </form>

        {% endif %}

    </tbody>

</table>

</div>

</body>

</html>
```

Profile.html:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <title>Profile</title>

</head>

<body>

    <div class="nav">

        <div class="logo">

            <a href="/userdashboard"> <i class="fas fa-arrow-left"></i></a>

            <center> <h3>Profile</h3></center>

        </div>

    </div>

</div>
```

```
<div class="cont" align="center">
```

```
<div class="logo">
```

```
<i class="fas fa-user-circle"></i>
```

```
</div>
```

```
<h3>
```

```
<div class="profile">
```

```
<h3>
```

```
<table>
```

```
<tr>
```

```
<th>Name:</th>
```

```
<td>{{username}}</td>
```

```
</tr>
```

```
<tr>
```

```
<th>Age:</th>
```

```
<td>{{age}}</td>
```

```
</tr>
```

```
<tr>
```

```
<th>BloodGroup:</th>
```

```
<td>{{bloodgroup}}</td>
```

```
</tr>
```

```
<tr>
```

```
<th>Gender:</th>
```

```
<td>{{gender}}</td>
```

</tr>

<tr>

<th>Phone:</th>

<td>{{phone}}</td>

</tr>

<tr>

<th>Address:</th>

<td>{{address}}</td>

</tr>

<tr>

<th>E-Mail:</th>

<td>{{email}}</td>

</tr>

<tr>

<th>Height:</th>

<td>{{height}}</td>

</tr>

<tr>

<th>Weight</th>

```
<td>{{weight}}</td>
</tr>
</table>

<a href="/edit">Edit/Update</a>

</div>
</div>

</body>
</html>
```

#### App.py:

```
from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
from flask_mail import Mail, Message
import re

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)

app.secret_key = 'a'

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-
8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=3245
9;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=chd81862
;PWD=5g7PIVGFKudloKln","")

@app.route('/')

def home():

    return render_template('index.html')

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

def login():

    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_tuple(stmt)

    stmt = ibm_db.prepare(conn,'SELECT * FROM recipient 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_tuple(stmt)

    if account:

        session['loggedin'] = True

        session['username'] = account[1]

        msg = 'Logged in successfully !'

        return redirect(url_for('userdashboard'))

    else:

        msg = 'Incorrect username / password !'

        return render_template('login.html', a = msg)

    return render_template('login.html')
```

```
@app.route('/userdashboard')
```

```
def userdashboard():
```

```
    return render_template('userdashboard.html')
```

```
@app.route('/logout')
```

```
def logout():
```

```
    session.pop('loggedin', None)
```

```
    session.pop('id', None)
```

```
    session.pop('username', None)
```

```
    return redirect(url_for('login'))
```

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

```
def profile():
```

```
    if 'username' in session:
```

```
        id = session['username']
```

```
        stmt = ibm_db.prepare(conn, 'SELECT * FROM registration WHERE  
username = ?')
```

```
        ibm_db.bind_param(stmt, 1, id)
```

```
        ibm_db.execute(stmt)
```

```
        acc = ibm_db.fetch_tuple(stmt)
```

```
        stmt = ibm_db.prepare(conn, 'SELECT * FROM recipient WHERE username  
= ?')
```

```
        ibm_db.bind_param(stmt, 1, id)
```

```
        ibm_db.execute(stmt)
```

```
        acc = ibm_db.fetch_tuple(stmt)
```

```
        return render_template('profile.html',  
username=acc[1],age=acc[2],bloodgroup=acc[3],gender=acc[4],phone=acc[5],a  
ddress=acc[6],email=acc[7],passsword=acc[8],confirmpassword=acc[9],height=  
acc[10],weight=acc[11])
```



```
return render_template('profile.html')
```

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

```
def send():
```

```
    if 'bloodgroup' in request.form:
```

```
        type = request.form['bloodgroup']
```

```
        remail=request.form['email1']
```

```
        stmt = ibm_db.prepare(conn, 'SELECT email FROM registration WHERE  
bloodgroup = ?')
```

```
        ibm_db.bind_param(stmt,1,type)
```

```
        ibm_db.execute(stmt)
```

```
        acc = ibm_db.fetch_tuple(stmt)
```

```
        mails = []
```

```
        while acc != False:
```

```
            mails.append(acc[0])
```

```
            acc = ibm_db.fetch_tuple(stmt)
```

```
            msg = Message('Blood Request', sender='saranmathis2006@gmail.com',  
recipients=mails)
```

```
            msg.body = "Here the " + request.form['bloodgroup'] + " Blood  
Requested" + remail + "contact this"
```

```
mail.send(msg)
```

```
return render_template('display.html', state="SENT")
```

```
return 'Please Provide Blood in Form'
```

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

```
def display():
```

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

```
        alert = "
```

```
        if 'name' in session:
```

```
            id = session['username']
```

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

```
            sqlselect = "SELECT * FROM recipient WHERE bloodgroup = ? order by id  
asc"
```

```
            stmt = ibm_db.prepare(conn,sqlselect)
```

```
            ibm_db.bind_param(stmt, 1, bloodgroup)
```

```
            ibm_db.execute(stmt)
```

```
            acc = ibm_db.fetch_tuple(stmt)
```

```
        return render_template('display.html',m=alert)
```

```
    return render_template('display.html')
```

```
@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)  
        msgg = Message(  
            'Hello',  
            sender ='saranmathis2006@gmail.com',  
            recipients = [email]
```

)

msgg.body = ' thank you for register. '

mail.send(msgg)

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(username,age,bloodgroup,gender,phone,address,email,password,confirmpassword,height,weight) 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, 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 !'

    return render_template('donor.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)

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(username,age,bloodgroup,gender,phone,address,email,password,co
nfirmpassword,height,weight) 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)

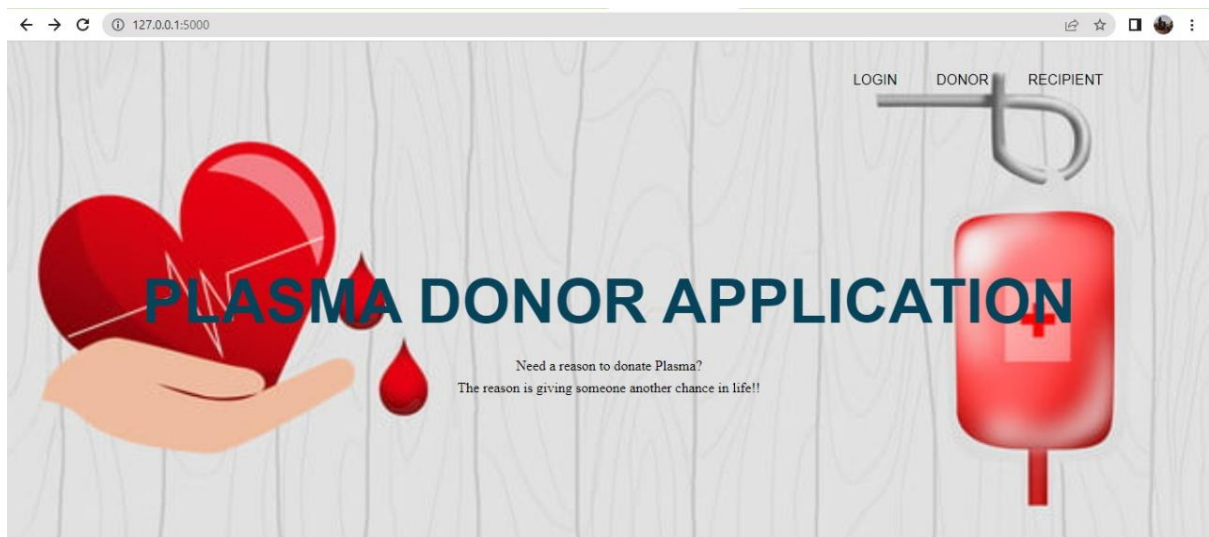
    ibm_db.bind_param(stmt, 4, gender )

    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 !'  
  
return render_template('recipient.html', msg = msg)  
  
if __name__ == '__main__':  
    app.run(debug = True)
```



← → ↻ 127.0.0.1:5000/register

Username: Siva Suvetha T

Age: 20

Blood Group: B+ve

Gender: Female

Phone: 9361580979

Address: Nagercoil, Kanyakumari

Email: sivasuvetha2001@gmail.com

Password: \*\*\*\*

Confirm Password: \*\*\*\*

Height\*: 156

Weight\*: 49

← → ↻ 127.0.0.1:5000/register

### RECIPIENT REGISTRATION

Username: Hamthaan

Age: 20

Blood Group: B+ve

Gender: Male

Phone: 9080507125

Address: Helapalayam, Tirunelveli

Email \*: mohamedhamthaan18@gm:

Password: \*\*\*\*\*

Confirm Password: \*\*\*\*\*

Height\*: 170

← → ↻ 127.0.0.1:5000/login

### LOGIN

Hamthaan

12345

LOGIN

dreamstime.



