

PROJECT REPORT
PLASMA DONOR APPLICATION

P.S.R ENGINEERING COLLEGE

Team ID: PNT2022TMID13363

Team Members:

RAMKUMAR A (951919CS080)

SANKAR GANESH S (951919CS085)

SIVA KUMAR S (951919CS094)

SURESH PRABU R (951919CS104)

VISHNU PRASAD N (951919CS116)

ABSTRACT

A plasma is a liquid portion of the blood, over 55% of human blood is plasma. Plasma is used to treat various infectious diseases and it is one of the oldest methods known as plasma therapy. Plasma therapy is a process where blood is donated by recovered patients in order to establish antibodies that fights the infection. In this project plasma donor application is being developed by using AWS services. The services used are AWS Lambda, API gateway, DynamoDB, AWS Elastic Compute Cloud with the help of these AWS services, it eliminates the need of configuring the servers and reduces the infrastructural costs associated with it and helps to achieve serverless computing. For instance, during COVID 19 crisis the requirement for plasma increased drastically as there were no vaccination found in order to treat the infected patients, with plasma therapy the recovery rates were high but the donor count was very low and in such situations it was very important to get the information about the plasma donors. Saving the donor information and notifying about the current donors would be a helping hand as it can save time and help the users to track down the necessary information about the donors.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION TO PROJECT

Cloud computing helps in on-demand deliver of IT resources over the internet with pay-as-you-go pricing model where users have to pay only for the resource that they use. This helps to reduce the additional infrastructural cost and users can access technology services such as power, storage, compute, database, networking, analytics and also intelligence over the internet in order to offer flexible, innovation, and economies of scale. Users can run their infrastructure more efficiently and scale their business according to their requirement. Cloud deployment modules such as public cloud, private cloud, hybrid cloud and community cloud helps the users to choose the type of deployment options that are beneficial for their company. Cloud service models consists of software as a service (saas), platform as a service (paas) and infrastructure as a service (iaas). In Software as a service a third party service providers will host the applications and make them available over the internet. Some a requires purchasing of licenced version with involves huge cost and with the help of software as a service those applications can also be used.

1.2 PURPOSE OF THE PROJECT

An online comprehensive Customer Care Solution is to manage customer interaction and complaints with the Service Providers over phone or through and e-mail. The system should have capability to integrate with any Service Provider from any domain or industry like Banking, Telecom, Insurance, etc.

Customer Service also known as Client Service is the provision of service to customers. Its significance varies by product, industry and domain. In many cases customer service is more important if the information relates to a service as opposed to a Customer.

CHAPTER 2

LITERATURE SURVEY

2.1 PROBLEMS IN EXISTING SYSTEM

[1] In this paper, the author has carried out analysis based on the opportunities presented by serverless computing. They emphasise that serverless services are more affordable approach for many network services and it is more user friendly as serverless approach will relieve the customers from the intricacies of deployment. These services will help to improve the new business opportunities.

[2] Author conducted a survey of existing serverless platform in this paper from source projects, industry, academia, use cases, and key characteristics and has described the challenges and the open problems associated with it. Author's work presented a hands-on experience of serverless technologies using different services from different cloud providers such as Amazon, Google, IBM, Microsoft Azure.

[3] In this paper three demonstrators for IBM Bluemix OpenWhisk were presented.

They exhibit event-based programming triggered by weather forecast data, speech utterances and Apple WatchOS2 application data. And also demonstrated a chatbot using IBM Bluemix OpenWhisk that calls on the IBM Watson services which include dates, weather, alarm services, news and music tutor.

[4]In this paper serverlessOS was designed. It comprises of components such as 1. desegregation model that leverages desegregation for abstraction but it will enable resources to move fluidly between servers for the performance. 2. The second key component is cloud orchestration layer which helps to manage fine-grained resource placement and allocation throughout the application lifetime with the help of global and local decision making 3. And the third component is an isolation capability which enforces data and resource isolation.

[5]In this paper an efficient resource management system for serverless computing framework was proposed which aims to enhance resource with a focus on memory allocation among the containers and the design which was added on top of an open-source serverless platform, openLambda and it is based on allocation workloads and serverless functions memory needs events are triggered.

2.2 REFERENCE

TITLE: Customer Care and Relationship Support Office

AUTHOR NAME: Hubert Baumeister & Piotr Kosi

YEAR: September 2000

DESCRIPTION:

Customer Relationship Management (CRM) is an inherent business strategy for companies big and small. The technology has reached a point where it is truly enabling the way enterprises manage their customer relationships. The goal of the EU funded project CARUSO is the design of a software toolkit that facilitates the

building and maintaining of high quality business-to-business and business-to-customer relationships. CARUSO is designed to allow a multi-dimensional way of looking at markets, customers, suppliers, products, personnel, internal and external information, communication and action flow. This will be accomplished by the following core features: front-office application builder with customer care and marketing desk, basic technologies comprising a general communication server, intelligent information, document and contact access, unified messaging, and a customizable user interface. Emphasis will be put on exploiting existing tool packages as much as possible. The CARUSO toolkit is targeted at European Small and Medium Sized Enterprises (SME) and allows them to optimize their business operations to the mutual benefit of both the supplier and the consumer.

2.3 Problem Statement Definition

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

Example: Plasma Donor Application

PROBLEM STATEMENT:

Plasma is the liquid component of blood and makes up 55% of the total blood volume. It is important for maintaining body functions. Plasma donation replaces lost blood and plasma in the body when a large amount of blood is lost due to

surgery, accident, or immunodeficiency. During the COVID-19 crisis, the need for plasma became a higher priority and the number of donors decreased. A productive measure can be made to help the needy by saving donor information and keeping up-to-date donor lists. With this issue in mind, an application has been built to collect and store donor data and provide information on demand.

I am	<small>Describe customer with 3-4 key characteristics - who are they?</small>	Describe the customer and their attributes here
I'm trying to	<small>List their outcome or "job" the care about - what are they trying to achieve?</small>	List the thing they are trying to achieve here
but	<small>Describe what problems or barriers stand in the way - what bothers them most?</small>	Describe the problems or barriers that get in the way here
because	<small>Enter the "root cause" of why the problem or barrier exists - what needs to be solved?</small>	Describe the reason the problems or barriers exist
which makes me feel	<small>Describe the emotions from the customer's point of view - how does it impact them emotionally?</small>	Describe the emotions the result from experiencing the problems or barriers

I am	I'm trying to	But	Because	Which makes me feel
a recipient	get plasma transfusion	I am unable to find the donors	I don't know about the availability of plasma and its donor	distressed
Team ID : PNT2022TMI031589				

CHAPTER 3

IDEATION AND PROPOSED SOLUTION

3.1 EMPATHY MAP

An empathy map is simple, easy to digest visual that captures knowledge about a user behaviours and attitude.

3.2 IDEATION AND BRAINSTORMING

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

3.3 PROPOSED SOLUTION

S .No	Parameter	Descrip on
------------------	------------------	-------------------

1.	Problem Statement (Problem to be solved)	To create an application for people who want to donate their plasma for the people who need it mostly in times of emergency.
2.	Idea/ Solution description	The application will enable people to register themselves in the portal for donating their plasma and the recipients who need it can see their details so that they can get the plasma.

3.	Novelty / Uniqueness	When the user requests for plasma transmission, if there is a lack of plasma at the time of request, automatically user will be marked in hold back list. Later when there is availability of plasma, the receiver waiting in hold back list will be alerted via calling system.
4.	Social Impact / Customer Satisfaction	The application is user friendly and anyone with basic knowledge can access it. The application seamlessly connects the donor and the person who needs it and also hospitals who have availability of the plasma.

5.	Business Model (Revenue Model)	The application is free to use and it comes under healthcare domain. It helps people who want to donate plasma to the people who need it. Data can be stored in IBM DB2 in cloud which reduces the overall cost incurred for developing the application.
6.	Scalability of the Solution	Since the app is going to store its data in cloud, it will continue to be efficient when large number of people uses it.

3.4 PROBLEM SOLUTION FIT

Project Title : Plasma Donor Application

Project Design Phase-I - Problem Solution Fit

Team ID: PNT2022TMID13363

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS (i) People willing to donate plasma. (ii) Individuals in need of plasma.	6. CUSTOMER CONSTRAINTS CC (i) Network connectivity. (ii) Shortage of plasma. (iii) Only registered users can donate and get information related to plasma.	5. AVAILABLE SOLUTIONS AS (i) Plasma availability - Not up-to-date. (ii) The customer can inform their queries through sending the mail.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P (i) The statistics should be updated often. (ii) Customer couldn't know how to find the donor.	9. PROBLEM ROOT CAUSE RC (i) More information about the plasma is available. (ii) It is much easier to understand and navigate.	7. BEHAVIOUR BE (i) A large amount of requests for plasma donation can be processed at the same time. (ii) This application can collaborate with the Government and Non-Profitable Organizations.	
Identify strong TR & EM	3. TRIGGERS TR Ease of access and requirement of blood type.	10. YOUR SOLUTION SL The location to where the plasma is needed will be given in mail. Donors can also schedule appointments to their convenience.	8. CHANNELS of BEHAVIOUR CH The customer can register their request needs and when the donors are available the mail is sent to the customer. When the plasma is not available the mail will be sent as not available.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM Before: Not sure to find nearest donors available. After: Helps in finding the nearest donor.			

CHAPTER 6

PROJECT PLANNING AND SCHEDULING

SPRINT DELIVERY PLAN

Project Tracker:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Day	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Day	31 Oct 2022	05 Nov 2022	20	05 Nov2022
Sprint-3	20	6 Day	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Day	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity: Sprint - 1

Sprint duration = 6 days Velocity of the team = 20 points average velocity (AV) =
Velocity /Sprint duration

$$AV = 20/6 = 3.34$$

Average Velocity = 3.34

Velocity: Sprint 1 - 4

Sprint duration = 24 days Velocity of the

team = 80 points average velocity (AV) =

Velocity/ Sprint duration $AV = 80/6 = 3.34$

Total Average Velocity =

3.34

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



MILESTONE AND ACTIVITY

Milestone and Activity list:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint1	Registration	USN-1	A user can register and create the user account	6	High	Ramkumar A Sivakumar
Sprint1	Login	USN-2	A User can sign in to the application by entering the registered email id and password	6	High	Suresh Ramkumar A
Sprint1	Admin Register	USN-3	An admin can register through the admin registry.	4	Medium	Ramkumar A Sivakumar Sankar

Sprint1	Register Admin Via Scrip	USN-4	Creating an Admin Account using a python script. As for security reasons we should implement a separate python script.	4	High	Vishnu Suresh Ramkumar A
Sprint2	Implementing Authentication System	USN-5	creating an authentication system for both admin and users	6	High	Vishnu Sankar
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			using flask application			
Sprint2	Creating Tables	USN-6	Creating Db2 account and creating the tables in DB2 in IBM cloud db2	4	Medium	Suresh Sivakumar
Sprint - 2	Creating SSL certificate and integrating with python code	USN - 7	Creating the SSL certificate to connect db2 via python code .	6	High	Ramkumar A Sivakumar

Sprint - 2	Creating dashboard	USN - 8	Admin and Donor can interact with our application	4	Medium	Suresh Sivakumar
Sprint - 3	Plasma request and donor acknowledge feature	USN - 9	Admin can create plasma requests which will be shown in the user portal.	6	High	Ramkumar A Sivakumar
Sprint - 3	Creating dashboard for admin	USN -10	Admin dashboard, admin can view the total request has been requested for plasma by the recipient/user	6	High	Ramkumar A Suresh
Sprint - 4	Docker installation	USN -11	Installing Docker CLI	4	Low	Suresh
Sprint4	Creating docker image	USN -12	Setting up the docker environment and creating the docker image file	6	High	Ramkumar A Suresh
Sprint4	Kubernetes	USN -13	creating pods in Kubernetes and uploading it in IBM cloud	6	Medium	Suresh Sivakumar

Sprint4	End-to-End Testing	USN -14	Implementing End-to-End testing	6	High	Ramkum ar A Suresh
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CHAPTER 7

CODING AND SOLUTION

Application Status.html:

```

<!DOCTYPE html>

<html>

<head>

    <title></title>

    <meta name="viewport" content="width=device-width, initialscale=1.0">

    <link rel="stylesheet" type="text/css" href="CSS\styleotpform.css">

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-
awesome.min.css">

</head>

```

```

<body >

    <div class="header fix">

        

        <form>

            <div class="navbtn">

                <a href="login_donor.php"><input
type="button" name="submit" value="Login"></a>

                <a href="registar_donor.php"><input
type="button" name="reset" value="Become Donor"></a>

                <i class="fa fa-bars fa-2x " aria-hidden="true"
></i>

            </div>

        </form>

    </div>

    <div class="nav fix">

        <ul>

            <li><a href="index.php" >Home</a></li>

            <li><a href="blood_tips.php">Blood Tips</a></li>

            <li><a href="">Request Portal &nabla;</a>

            <ul>

                <li><a
href="request_blood.php">Request Blood</a></li>

                <li><a
href="pending_request.php">Show Pending Request</a></li>

            </ul>

        </ul>

    </div>

```

```
        </li>
        <li><a href="">Event Portal &nabla;</a>
            <ul>
                <li><a
href="registar_event.php">Register as a Event</a></li>
                <li><a href="login_event.php">Login as a
Event</a></li>
            </ul>
        </li>
        <li><a href="contribute.php">Contribute</a></li>
        <li><a href="">More &nabla;</a>
            <ul>
                <li><a href="about_us.php">About
Us</a></li>
                <li><a href="get_in_touch.php">Contact
Us</a></li>
            </ul>
        </li>
    </ul>
</div>
<div class="heading fix">
    <label>OTP Form</label>
</div>
<div class="outerbox">
    <div class="image">
```

```
<i class="fa fa-mobile" aria-hidden="true"></i>
<i class="fa fa-envelope-o" aria-hidden="true"></i>
</div>
<div class="content">
    <h2>PLEASE ENTER</h2><br>
    <h6>THE VALIDATION CODE THAT</h6><br>
    <h6>GET FROM SMS & EMAIL</h6>
</div>
<div id="divOuter" class="formbox">
    <div id="divInner">
        <form action="process.php" method="post">
            <input id="partitioned" type="number"
name="otpno" maxlength="4" required autocomplete="off" />
        </div>
    </div>
    <div class="button">
        <span class="btn">
            <input type="submit" name="submit"
value="Sucess">
        </span>
        <p>didn't get code <input type="submit"
name="submit" id="re" value="Resend"></p>
    </form>
    </div>
</div>
```

```

<?php
    include 'footer.php';
?>

    <script
src="https://cdnjs.cloudflare.com/ajax/libs/jqueryvalidate/1.16.0/jquery.validate.
min.js"></script>

<script
src="https://cdnjs.cloudflare.com/ajax/libs/jqueryvalidate/1.16.0/additional-
methods.min.js"></script>

<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></scrip t>

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js">
</script>

<script>

jQuery.validator.addMethod("checkemail", function(value, element) {

    // allow any non-whitespace characters as the host part

    return this.optional( element ) || /^\\b[A-Z0-9._%-]+@[A-Z0-9.-
]+\\. [AZ]{2,4}\\b$/i.test( value );

}, 'Please enter a valid email address. ');

$(document).ready(function () {

    $('#myform').validate({

```



```
        rules: {          fname: {
required: true,
lettersonly:true,

        },
        lname:{
required: true,
lettersonly:true,

        },
email:{
        required:true,
email:true,        checkemail:true,
        },
        password:{          required:true,          minlength:7,
maxlength:15,

        },
        confirm_password:{
required:true,          minlength:7,
maxlength:15,          equalTo:
"#password",

        },
```

```
        contact_no:{
required:true,          minlength:10,
maxlength:10,          digits:true,
        },
img:{
        required:true,          //
uploadfile:true,        accept:
"jpg,png,jpeg,gif",
        },

    },
    messages:{
fname:{
        required:"firstname is required",
letteronly:"enter letters only",
        },

lname:{
        required:"last name is required",
letteronly:"enter letters only",
        },
email:{
        required:"email required",
email:"enter valid email",
```

```
checkemail:"enter proper email",

    },

    password:{
        required:"password is required",
        minlength:"enter password between 7-15",
        maxlength:"enter password between 7-15",
    },
    confirm_password:{
        required:"password is required",
        minlength:"enter
password between 7-15",
        maxlength:"enter password
between 7-15",
        equalTo:"password must be same",
    },
    contact_no:{
        required:"contact no is required",
        minlength:"enter contact number 10digits",
        maxlength:"enter contact number 10digits",
        digits:"enter 10 digits",

    },

    img:{
        required:"upload image",    //
```

```
uploadfile:"upload image",      accept:"upload image  
only jpg,jpeg,png ",
```

```
    },  
    },  
});
```

```
});
```

```
</script>
```

```
<script type="text/javascript">
```

```
    var obj = document.getElementById('partitioned');  
    obj.addEventListener('keydown', stopCarret);  
    obj.addEventListener('keyup', stopCarret);  function  
    stopCarret()  
    {  
        if (obj.value.length > 3){  
setCaretPosition(obj, 3);  
        }  
    }  
    function setCaretPosition(elem, caretPos)  
    {
```

```

        if(elem != null)
        {
            if(elem.createTextRange)
            {
                var range = elem.createTextRange();
range.move('character', caretPos);          range.select();
            }
else
    {
        if(elem.selectionStart)
        {
            elem.focus();
            elem.setSelectionRange(caretPos, caretPos);
        }
        else
            elem.focus();
    }
    }
}

function share()
{
    var a =document.getElementById("f");
var b=document.getElementById("g");          var
c=document.getElementById("i");          var
d=document.getElementById("y");          if

```

```
(a.style.display === "none")
    {
        a.style.display="block";
        b.style.display="block";
        c.style.display="block";
        d.style.display="block";
    }
else
    {
        a.style.display="none";
        b.style.display="none";
        c.style.display="none";
        d.style.display="none";
    }
}

</script>
</body>
</html>
```

Plasma request.php :

```
<?php
session_start();

?>
```

```

<!DOCTYPE html>

<html>

<head>

    <title></title>

    <meta name="viewport" content="width=device-width, initialscale=1.0">

    <link rel="stylesheet" type="text/css" href="CSS\styleupdatedonor.css">

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-
awesome.min.css">

    <script src="https://www.google.com/recaptcha/api.js" async
defer></script>

</head>

<body>

    <div class="header fix">

        

        <form>

            <div class="navbtn">

                <i class="fa fa-bars fa-2x " aria-hidden="true"
onclick="openNav()"></i>

            </div>

        </form>

    </div>

    <div class="nav fix">

        <ul>

```

```

        <li><a href="donor_page.php" >Donor History</a></li>
        <li><a href="health_report.php">Health Report</a></li>
        <li><a href="pending_request_donor.php">Pending
Request</a></li>

        <li><a href="d_blood_tips.php">Blood Tips</a></li>
        <li><a href="d_contribute.php">Contribute</a></li>
        <li class="active"><a href="">More &nabla;</a>

                <ul>

                        <li><a href="d_about_us.php">About
Us</a></li>

                                <li><a
href="d_get_in_touch.php">Contact Us</a></li>

                                </ul>

                        </li>

                </ul>

        </div>

        <div class="heading fix">

                <label>Update Details</label>

        </div>

        <div id="mySidenav" class="sidenav">

                <a class="closebtn" onclick="closeNav()">&times;</a>

                <a href="update_donor.php" class="a"><i class="fa fa-pencilsquare-
o" aria-hidden="true"></i></a>

                <a href="delete_donor.php" class="b"><i class="fa fa-trash-o" aria-

```


hidden="true"></i>

<i class="fa fa-id-card-o" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['id']; ?>

</i>

<i class="fa fa-user" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['user_full_name']; ?>

</i>

<i class="fa fa-envelope" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['user_email']; ?>

</i>

<i class="fa fa-phone" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['user_number']; ?>

</i>

<i class="fa fa-calendar" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['date_of_birth']; ?>

</i>

<i class="fa fa-venus-mars" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['gender']; ?>

</i>

<i class="fa fa-tint" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['blood_group']; ?>

</i>

<i class="fa fa-location-arrow" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['city']; ?>

```

        </i>
        <div class="btn btn1" >
            <a href="login_donor.php"><input type="button"
name="Signout" value="Sign Out"></a>
        </div>
    </div>

    <div class="outerbox">
        <div class="fixedbox">
            <span class="content">
                <h4>Important Note..!!</h4>
                <p><i class="fa fa-times" aria-
hidden="true"></i>Password can not Change.</p>
                <p><i class="fa fa-times" aria-
hidden="true"></i>Confirm Password can not Change.</p>
                <p><i class="fa fa-times" aria-
hidden="true"></i>City can not Change.</p>
                <p><i class="fa fa-times" aria-
hidden="true"></i>State can not Change.</p>
                <p><i class="fa fa-times"
ariahidden="true"></i>Blood group can not Change.</p>
                <p><i class="fa fa-times" aria-
hidden="true"></i>Weight can not Change.</p>
            </span>
        </div>
        <div class="scrollbox">
            <div class="registerdonor">

```

```

        <form action="update_donor_process.php"
method="POST">

        <div class="login">

            <h3>Login Details</h3>

            <table>

                <tr>

                    <td colspan="2">

                        <label

class="username">User Name:-</label>

                        <input
type="text" name="user_name" required pattern="^[A-Za-z0-9._%+@]{5,10}$"
title="Enter a username between 5 to 10 letter" value="<?php echo
$_SESSION['user_name'];?>">

                    </td>

                </tr>

                <tr>

                    <td>

                        <label>Full

Name:-</label>

                        <input
type="text" name="user_full_name" required pattern="[A-z ]+$" title="Use only
character & whitespace" value="<?php echo $_SESSION['user_full_name'];?>">

                    </td>

                    <td>

                        <label>Email

Id:-</label>

                        <input

```

```
type="email" name="user_email" required pattern="[A-Za-z0-9._%+-]+@[A-z09.-
]+\.[a-z]{2,}$" title="Email id is not Valid" value="<?php echo
$_SESSION['user_email'];?>">
```

</td>

</tr>

<tr>

<td>

<label>Password:-</label>

<input

```
type="password" name="password" required pattern="(?=.*\d)(?=.*[az])(?=.*[A-
Z]).{6,}" title="Must contain at least one number and one uppercase and
lowercase letter, and at least 6 or more characters" value="<?php echo
$_SESSION['password'];?>" readonly>
```

</td>

<td>

<label>Confirm

Password:-</label>

<input

```
type="text" name="confirm_password" required
pattern="(?=.*\d)(?=.*[az])(?=.*[A-Z]).{6,}" title="Must contain at least one
number and one uppercase and lowercase letter, and at least 6 or more
characters" value="<?php echo $_SESSION['confirm_password'];?>" readonly>
```

</td>

</tr>

</table>

</div>

```
<div class="contact">
```

```
<h3>Contact Details</h3>
```

```
<table>
```

```
<tr>
```

```
<td>
```

```
<label>Mobile
```

```
Number:-</label>
```

```
<input
```

```
type="text" name="user_number" required pattern="^[1-9]{1}[0-9]{9}$"
```

```
title="Number is not valid" value="<?php echo $_SESSION['user_number'];?>">
```

```
</td>
```

```
<td rowspan="2">
```

```
<label>Address:-</label>
```

```
<textarea
```

```
name="Address" placeholder="---Type---" required>
```

```
<?php echo $_SESSION['Address'];?>
```

```
</textarea>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<label>Pincode</label>
```

```
type="text" name="pincode" required pattern="^[0-9]{6}$" title="Pincode is not
valid" value="<?php echo $_SESSION['pincode'];?>">
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<label>City:-
```

```
</label>
```

```
type="text" name="city" value="Ahmedabad" readonly value="<?php echo
$_SESSION['city'];?>">
```

```
</td>
```

```
<td>
```

```
<label>State:-
```

```
</label>
```

```
type="text" name="state" value="Gujarat" readonly value="<?php echo
$_SESSION['state'];?>">
```

```
</td>
```

```
</tr>
```

```
</table>
```

```
</div>
```

```
<div class="personal">
```

```
<h3>Personal Details</h3>
```

```
<table>
```

```

                                <tr>
                                    <td>
                                        <label>Date
Of
Birth:-</label>
                                <input
type="date" name="date_of_birth" required value="<?php echo
$_SESSION['date_of_birth_a'];?>">
                                </td>
                                <td>
                                    <label>Gender:-</label>
                                    <div
class="radio">
                                        <?php
if($_SESSION['gender']=='Male')
{
    echo '<input type="radio" name="gender" class="radio1" value="Male"
checked><span class="radioname" required>Male</span>';
    echo '<input type="radio" class="radio2" name="gender"
value="Female"><span class="radioname" required>Female</span>';
}
else

```

```

    {

        echo '<input type="radio" name="gender" class="radio1"
value="Male"><span class="radioname" required>Male</span>';

        echo '<input type="radio" class="radio2" name="gender" value="Female"
checked><span class="radioname" required>Female</span>';

    }

?>

```

```

        </div>

        </td>

    </tr>

    <tr>

        <td>

            <label>Blood
Group</label>

            <input
type="text" list="bloodgroup" name="blood_group" placeholder="----Select---"
required value="<?php echo $_SESSION['blood_group'];?>" readonly>

            <datalist

id="bloodgroup">

```

```

        <option value="A+"></option>

```

```

        <option value="A-"></option>

```


<option value="AB+"></option>

<option value="B+"></option>

<option value="B-"></option>

<option value="O+"></option>

<option value="O-"></option>

</datalist>

</td>

<td>

<label>Weight

In Kg [Approx]:-</label>

<input

type="number" name="weight" required value="<?php echo
\$_SESSION['weight'];?>" readonly>

</td>

</tr>

</table>

</div>

<input type="checkbox"

name="terms" id="checkbox" required>

<p>I agree to have my contact

details broadcasted to the registered donors of B24U.net</p>

name="user_name" required pattern="^[A-Za-z0-9._%+-@]{5,10}\$" title="Enter a username between 5 to 10 letter" value="<?php echo \$_SESSION['user_name'];?>">

</td>

</tr>

<tr>

<td>

<label>Full Name:-</label>

<input type="text"

name="user_full_name" required pattern="[A-z]+\$" title="Use only character & whitespace" value="<?php echo \$_SESSION['user_full_name'];?>">

</td>

</tr>

<tr>

<td>

<label>Email Id:-</label>

<input type="email"

name="user_email" required pattern="[A-Za-z0-9._%+-]+@[A-z0-9.-]+\.[az]{2,}\$" title="Email id is not Valid" value="<?php echo \$_SESSION['user_email'];?>">

</td>

</tr>

<tr>

<td>

<label>Password:-</label>

<input

type="password" name="password" required pattern="(?=.*\d)(?=.*[az])(?=.*[A-Z]).{6,}" title="Must contain at least one number and one uppercase and

lowercase letter, and at least 6 or more characters" value="<?php echo
\$_SESSION['password'];?>" readonly>

</td>

</tr>

<tr>

<td>

<label>Confirm Password:-

</label>

<input type="text"

name="confirm_password" required pattern="(?=.*\d)(?=.*[a-z])(?=.*[AZ]).{6,}"
title="Must contain at least one number and one uppercase and lowercase letter,
and at least 6 or more characters" value="<?php echo
\$_SESSION['confirm_password'];?>" readonly>

</td>

</tr>

</table>

</div>

<div class="rcontact">

<h3>Contact Details</h3>

<table>

<tr>

<td>

<label>Mobile Number:-

</label>

<input type="text"

name="user_number" required pattern="^[1-9]{1}[0-9]{9}\$" title="Number is not

valid" value="<?php echo \$_SESSION['user_number'];?>">

</td>

</tr>

<tr>

<td>

<label>Address:-</label>

<textarea name="Address"

placeholder="---Type---" required ><?php echo

\$_SESSION['Address'];?></textarea>

</td>

</tr>

<tr>

<td>

<label>Pincode</label>

<input type="text"

name="pincode" required pattern="^[0-9]{6}\$" title="Pincode is not valid"

value="<?php echo \$_SESSION['pincode'];?>">

</td>

</tr>

<tr>

<td>

<label>City:-</label>

<input type="text"

name="city" value="Ahmedabad" readonly value="<?php echo

\$_SESSION['city'];?>">

```

        </td>
    </tr>
    <tr>
        <td>
            <label>State:-</label>
            <input type="text"
name="state" value="Gujarat" readonly value="<?php echo
$_SESSION['state'];?>">
        </td>
    </tr>
</table>
</div>

<div class="rpersonal">
<h3>Personal Details</h3>
<table>
    <tr>
        <td>
            <label>Date Of Birth:-
        </label>
            <input type="date"
name="date_of_birth" required value="<?php echo
$_SESSION['date_of_birth_a'];?>">
        </td>
    </tr>
    <tr>

```

<td>

<label>Gender:-</label>

<div class="radio">

<?php

if(\$_SESSION['gender']=='Male')

{

echo '<input type="radio" name="gender" class="radio1" value="Male" checked>Male';

echo '<input type="radio" class="radio2" name="gender" value="Female">Female';

}

else

{

echo '<input type="radio" name="gender" class="radio1" value="Male">Male';

echo '<input type="radio" class="radio2" name="gender" value="Female" checked>Female';

}

?>

```

        </div>
    </td>
</tr>
<tr>
    <td>
        <label>Blood Group</label>
        <input type="text"
list="bloodgroup" name="blood_group" placeholder="----Select----" required
value="<?php echo $_SESSION['blood_group'];?>" readonly>
        <datalist id="bloodgroup">
            <option
value="A+"></option>
            <option value="A-
"></option>
            <option
value="AB+"></option>
            <option
value="B+"></option>
            <option value="B-
"></option>
            <option
value="O+"></option>
            <option value="O-
"></option>
        </datalist>
    </td>

```



```

        </tr>
        <tr>
            <td>
                <label>Weight In Kg
[Approx]:-</label>
                <input type="number"
name="weight" required value="<?php echo $_SESSION['weight'];?>" readonly>
            </td>
        </tr>
    </table>
</div>

```

```

        <span>
            <input type="checkbox" name="terms"
id="checkbox" required >
        </span><p>I agree to have my contact details
broadcasted to the registered donors of B24U.net</p>
        <div class="btnn">
            <input type="submit"
value="Update">
            name="submit"
            <input type="reset" name="submit"
value="Reset">
        </div>
    </form>
</div>

```

```
<?php
```

```
    include 'footer.php';
```

```
?>
```

```
<script
```

```
src="https://cdnjs.cloudflare.com/ajax/libs/jqueryvalidate/1.16.0/jquery.validate.min.js"></script>
```

```
<script
```

```
src="https://cdnjs.cloudflare.com/ajax/libs/jqueryvalidate/1.16.0/additional-methods.min.js"></script>
```

```
<script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
```

```
<script
```

```
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js">
```

```
</script>
```

```
<script>
```

```
jQuery.validator.addMethod("checkemail", function(value, element) {
```

```
    // allow any non-whitespace characters as the host part
```

```
    return this.optional( element ) || /^\\b[A-Z0-9._%-]+@[A-Z0-9.-]+\\. [AZ]{2,4}\\b$/i.test( value );
```

```
}, 'Please enter a valid email address.');
```

```
$(document).ready(function () {
```

```
$('#myform').validate({
  rules: {      fname: {
required: true,
lettersonly:true,      },

    lname:{
required: true,
lettersonly:true,

    },
email:{
      required:true,
email:true,      checkemail:true,
    },
    password:{
required:true,      minlength:7,
maxlength:15,

    },
    confirm_password:{
required:true,      minlength:7,
maxlength:15,      equalTo:
"#password",
```

```
    },
    contact_no:{
required:true,      minlength:10,
maxlength:10,      digits:true,
    },
img:{
        required:true,      //
uploadfile:true,      accept:
"jpg,png,jpeg,gif",
    },

},
messages:{
fname:{
    required:"firstname is required",
    lettersonly:"enter letters only",
    },

lname:{
    required:"last name is required",
    lettersonly:"enter letters only",
    },
```

```
email:{
    required:"email required",
    email:"enter valid email",    checkemail:"enter
proper email",

    },

    password:{
        required:"password is required",
    minlength:"enter password between 7-15",
    maxlength:"enter password between 7-15",
        },
        confirm_password:{
            required:"password is required",
            minlength:"enter password between 7-15",
            maxlength:"enter password between 7-15",
            equalTo:"password must be same",

        },
        contact_no:{
            required:"contact no is required",
            minlength:"enter contact number 10digits",
            maxlength:"enter contact number 10digits",
```

```
digits:"enter 10 digits",
```

```
},
```

```
img:{
```

```
    required:"upload image",
```

```
    // uploadfile:"upload image",
```

```
    accept:"upload image only jpg,jpeg,png ",
```

```
},
```

```
},
```

```
});
```

```
});
```

```
</script>
```

```
</body>
```

```
<script>
```

```
function openNav()
```

```
{
```

```
    document.getElementById("mySidenav").style.display
```

```
"block";    =
```

```
}
```

```

function closeNav()
{
    document.getElementById("mySidenav").style.display
"none";    =
}
function share()
{
    var a=document.getElementById("f");
    var b=document.getElementById("g");
    var c=document.getElementById("i");
    var d=document.getElementById("y");
    if (a.style.display === "none")
    {
        a.style.display="block";
        b.style.display="block";
        c.style.display="block";
        d.style.display="block";
    }
    else
    {
        a.style.display="none";
        b.style.display="none";
        c.style.display="none";
        d.style.display="none";
    }
}

```

```
        }  
    }  
</script>  
</html>
```

donation request.html:

```
<?php  
session_start();  
  
?>  
<!DOCTYPE html>  
<html>  
<head>  
    <title></title>  
    <meta name="viewport" content="width=device-width, initialscale=1.0">  
    <link rel="stylesheet" type="text/css" href="CSS\styleupdatedonor.css">  
    <link rel="stylesheet"  
href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/4.7.0/css/font-  
awesome.min.css">  
    <script src="https://www.google.com/recaptcha/api.js" async  
defer></script>  
</head>  
<body>
```



```
<div class="header fix">
    
    <form>
        <div class="navbtn">
            <i class="fa fa-bars fa-2x " aria-hidden="true"
onclick="openNav()"></i>
        </div>
    </form>
</div>

<div class="nav fix">
    <ul>
        <li><a href="donor_page.php" >Donor History</a></li>
        <li><a href="health_report.php">Health Report</a></li>
        <li><a href="pending_request_donor.php">Pending
Request</a></li>
        <li><a href="d_blood_tips.php">Blood Tips</a></li>
        <li><a href="d_contribute.php">Contribute</a></li>
        <li class="active"><a href="">More &nabla;</a>
    </ul>
    <li><a href="d_about_us.php">About
Us</a></li>
    <li><a
href="d_get_in_touch.php">Contact Us</a></li>
    </ul>
</li>
```


</div>

<div class="heading fix">

<label>Update Details</label>

</div>

<div id="mySidenav" class="sidenav">

×

<i class="fa fa-pencilsquare-o" aria-hidden="true"></i>

<i class="fa fa-trash-o" aria-hidden="true"></i>

<i class="fa fa-id-card-o" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['id']; ?>

</i>

<i class="fa fa-user" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['user_full_name']; ?>

</i>

<i class="fa fa-envelope" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['user_email']; ?>

</i>

<i class="fa fa-phone" aria-hidden="true" style="color:white;">

 <?php echo \$_SESSION['user_number']; ?>

</i>

<i class="fa fa-calendar" aria-hidden="true" style="color:white;">

```

        &nbsp;<?php echo $_SESSION['date_of_birth']; ?>
    </i>
    <i class="fa fa-venus-mars" aria-hidden="true" style="color:white;">
        &nbsp;<?php echo $_SESSION['gender']; ?>
    </i>
    <i class="fa fa-tint" aria-hidden="true" style="color:white;">
        &nbsp;<?php echo $_SESSION['blood_group']; ?>
    </i>
    <i class="fa fa-location-arrow" aria-hidden="true"
style="color:white;">
        &nbsp;<?php echo $_SESSION['city']; ?>
    </i>
    <div class="btn btn1" >
        <a href="login_donor.php"><input type="button"
name="Signout" value="Sign Out"></a>
    </div>
</div>
<div class="outerbox">
    <div class="fixedbox">
        <span class="content">
            <h4>Important Note..!!</h4>
            <p><i class="fa fa-times" aria-
hidden="true"></i>Password can not Change.</p>
            <p><i class="fa fa-times" aria-
hidden="true"></i>Confirm Password can not Change.</p>

```

<p><i class="fa fa-times" aria-hidden="true"></i>City can not Change.</p>

<p><i class="fa fa-times" aria-hidden="true"></i>State can not Change.</p>

<p><i class="fa fa-times" aria-hidden="true"></i>Blood group can not Change.</p>

<p><i class="fa fa-times" aria-hidden="true"></i>Weight can not Change.</p>

</div>

<div class="scrollbox">

<div class="registerdonor">

<form action="update_donor_process.php" method="POST">

<div class="login">

<h3>Login Details</h3>

<table>

<tr>

<td colspan="2">

<label

class="username">User Name:-</label>

<input type="text" name="user_name" required pattern="^[A-Za-z0-9._%+@]{5,10}\$" title="Enter a username between 5 to 10 letter" value="<?php echo \$_SESSION['user_name'];?>">

</td>

```

        </tr>
        <tr>
            <td>
                <label>Full
Name:-</label>
                <input
type="text" name="user_full_name" required pattern="[A-z ]+$" title="Use only
character & whitespace" value="<?php echo $_SESSION['user_full_name'];?>">
            </td>
            <td>
                <label>Email
Id:-</label>
                <input
type="email" name="user_email" required pattern="[A-Za-z0-9._%+-]+@[A-z09.-
]+\.[a-z]{2,}$" title="Email id is not Valid" value="<?php echo
$_SESSION['user_email'];?>">
            </td>
        </tr>
    <tr>
        <td>
            <label>Password:-</label>
            <input
type="password" name="password" required pattern="(?=.*\d)(?=.*[az])(?=.*[A-
Z]).{6,}" title="Must contain at least one number and one uppercase and
lowercase letter, and at least 6 or more characters" value="<?php echo
$_SESSION['password'];?>" readonly>

```

</td>

<td>

<label>Confirm

Password:-</label>

<input

type="text" name="confirm_password" required

pattern="(?=.*\d)(?=.*[az])(?=.*[A-Z]).{6,}" title="Must contain at least one

number and one uppercase and lowercase letter, and at least 6 or more

characters" value="<?php echo \$_SESSION['confirm_password'];?>" readonly>

</td>

</tr>

</table>

</div>

<div class="contact">

<h3>Contact Details</h3>

<table>

<tr>

<td>

<label>Mobile

Number:-</label>

<input

type="text" name="user_number" required pattern="^[1-9]{1}[0-9]{9}\$"

title="Number is not valid" value="<?php echo \$_SESSION['user_number'];?>">

</td>

<td rowspan="2">

<label>Address:-</label>

<textarea

name="Address" placeholder="---Type---" required>

<?php echo \$_SESSION['Address'];?>

</textarea>

</td>

</tr>

<tr>

<td>

<label>Pincode</label>

<input

type="text" name="pincode" required pattern="^[0-9]{6}\$" title="Pincode is not valid" value="<?php echo \$_SESSION['pincode'];?>">

</td>

</tr>

<tr>

<td>

<label>City:-

</label>

<input

type="text" name="city" value="Ahmedabad" readonly value="<?php echo \$_SESSION['city'];?>">

</td>

<td>

```
</label>
<label>State:-
</label>
<input
type="text" name="state" value="Gujarat" readonly value="<?php echo
$_SESSION['state'];?>">
</td>
</tr>
</table>
</div>
<div class="personal">
<h3>Personal Details</h3>
<table>
<tr>
<td>
<label>Date
Of
Birth:-</label>
<input
type="date" name="date_of_birth" required value="<?php echo
$_SESSION['date_of_birth_a'];?>">
</td>
<td>
<label>Gender:-</label>
<div
class="radio">
```



```
<?php
```

```
if($_SESSION['gender']=='Male')
```

```
{
```

```
echo '<input type="radio" name="gender" class="radio1" value="Male"
checked><span class="radioname" required>Male</span>';
```

```
    echo '<input type="radio" class="radio2" name="gender"
value="Female"><span class="radioname" required>Female</span>';
```

```
}
```

```
else
```

```
{
```

```
    echo '<input type="radio" name="gender" class="radio1"
value="Male"><span class="radioname" required>Male</span>';
```

```
    echo '<input type="radio" class="radio2" name="gender" value="Female"
checked><span class="radioname" required>Female</span>';
```

```
}
```

```
?>
```

```
</div>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

Group</label>

<label>Blood

<input
type="text" list="bloodgroup" name="blood_group" placeholder="----Select----
" required value="<?php echo \$_SESSION['blood_group'];?>" readonly> <datalist
id="bloodgroup">

<option value="A+"></option>

<option value="A-"></option>

<option value="AB+"></option>

<option value="B+"></option>

<option value="B-"></option>

<option value="O+"></option>

<option value="O-"></option>

</datalist>

</td>

<td>

<label>Weight

In Kg [Approx]:-</label>

<input
type="number" name="weight" required value="<?php echo
\$_SESSION['weight'];?>" readonly>

</td>

</tr>

</table>

</div>

