

PLASMA DONOR APPLICATION

Bachelor of Engineering

In

Computer Science and Engineering

Submitted by

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1. INTRODUCTION

1.1 Project Overview

The main goal of our project is to design a user-friendly web application that is like a scientific vehicle from which we can help reduce mortality or help those affected by COVID19 by donating plasma from patients who have recovered without approved antiperspirant therapy planning for a deadly COVID19 infection, plasma therapy is an experimental approach to treat those COVID-positive patients and help them recover faster.

Therapy, which is considered reliable and safe. If a particular person has fully recovered from COVID19, they are eligible to donate their plasma. As we all know, the traditional methods of finding plasma, one has to find out for oneself by looking at hospital records and contacting donors have been recovered, sometimes may not be available at home and move to other places. In this type of scenario, the health of those who are sick becomes disastrous. Therefore, it is not considered a rapid process to find plasma.

1.2 Purpose

During the COVID 19 crisis, the requirement of plasma became a high priority and the donor count has become low. The Purpose of this Application is Saving the donor information and helping the needy by notifying the current donors list, would be a helping hand. In regard to the problem faced, This application is to be built which would take the donor details, store them and inform them upon a request

2. LITERATURE SURVEY

2.1 Existing problem

- Cannot Upload and Download the latest updates. • No use of Web Services and Remoting.
- Risk of mismanagement and of data when the project is under development.
- Less Security.
- No proper coordination between different Applications and Users
- . • Fewer Users – Friendly

2.2 References

- [1] R. C. Gojko Adzic, "Serverless computing: Economic and architectural impact," ESEC/FSE, 2017.
- [2] P. C. P. C. a. V. I. M. Yan, "Building a chatbot with server less computing," IBM watson research center, 2016.
- [3] S. E. a. B. J. J. Short, ""Cloud Event Programming Paradigms: Applications and Analysis,"" 9th IEEE International Conference on Cloud Computing (CLOUD), pp. pp. 400-406, 2017.

- [4] Z. Al-Ali, ""Making Server less Computing More Server less,," IEEE 11th International Conference on Cloud Computing (CLOUD), pp. pp. 456-459, 2018., 2018.
- [5] A. S. a. S. Jindal, ""EMARS: Efficient Management and Allocation of Resources in Serverless,," IEEE 11th International Conference on Cloud Computing (CLOUD), pp. pp. 827-830, 2018

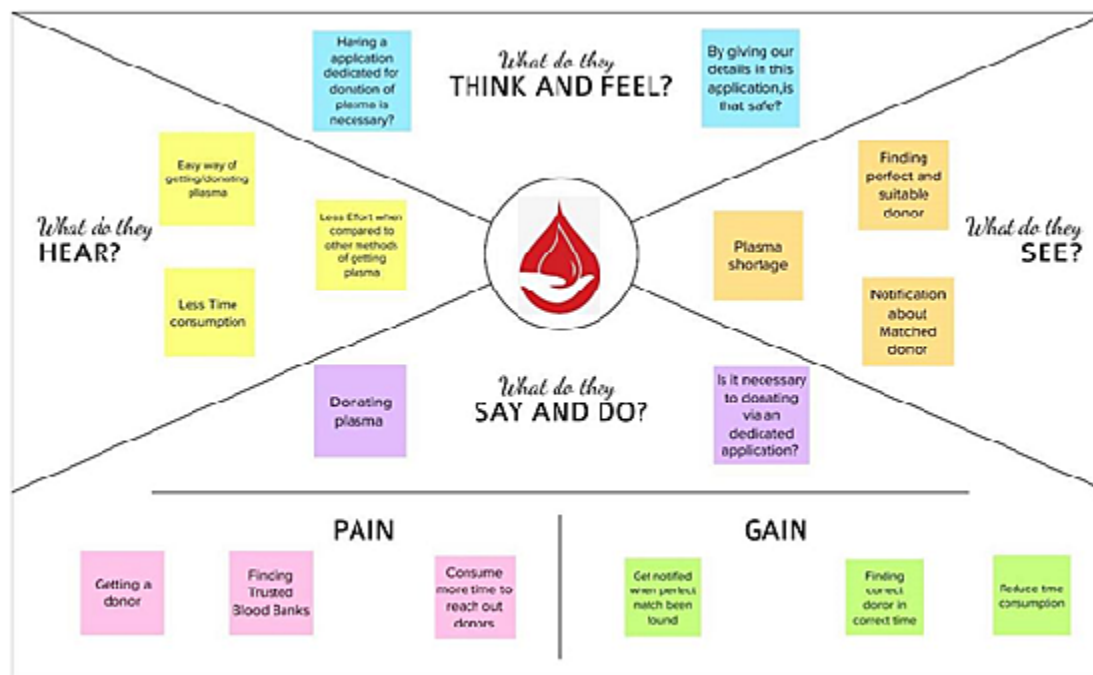
2.3 Problem Statement Definition

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

3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas



3.2 Ideation & Brainstorming



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 10 minutes to prepare
- 1 hour to collaborate
- 2-8 people recommended

[Share template feedback](#)

0

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

- Team gathering**
Invite who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#)

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

PROBLEM

During COVID-19 crisis, the requirement of plasma become high and the donor count being low. Saving the donor information and helping the need by notifying the current donors would be a helping hand. In regard to the problem we developed a web application for blood banks to manage information about their donors and plasma stock.



Key rules of brainstorming

To run as smooth and productive session

- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.



Need some inspiration?

Take a limited version of this template to understand our work.

[Open examples](#)

BRAINSTROM

KAMLESH KUMAR KOHLI

Using hospital/clinic organization to improve the service.

Chatbot service can be included to clear doubts about plasma donation.

If the blood group is suitable with the requested blood type, then only the notification are send.

Organizing various activities to promote the application's interest among the people.

LOKESH R

Features like history of the donations made, finding donor's location using GPS.

Only donors from the age of 18 having a weight of 50kg can register in the application.

Rapid contacting features can be added when there is a immediate need of plasma.

By using location detecting features, one can able to find accurate location of the donor.

HARIHARAPRIYAN M

AKASH A.

Details such as gender, D.O.B, age, contact details are collected and stored in database.

Plasma of the body are to be examined by a medical expert before the donation.

Verifications are to be made at registration stage inorder to make the donation.

To ensure and verify whether the donor is free from any other cautionary diseases.

Blood group description from both the parties(Donor & collector) is collected.

The exact date of the plasma extraction must be mentioned on his profile.

If there is any misinformation and proved that he/she had any other diseases, immediate action of removing his/her profile are to made.

The user during the initial stage of registration should given whether it is his/her first time at donating or already donated person.

3.3 Proposed Solution

S. No.	Parameter	Description
1 .	Problem Statement (Problem to be solved)	To help the plasma donor and seeker by developing a cloud-based application.
2 .	Idea/Solution description	<p>In day-to-day life requirement for plasma became high, especially during the COVID-19 crisis. But the donor count was low.</p> <p>Saving the donor information and helping the needy by notifying the current donors would be a helping hand. It is very difficult to find the respective blood group donors when anyone is in need.</p> <p>Regarding the problem faced, an application is to be built which would take the donor details store them and inform them upon request. And also for plasma donation centre, it is Easy to find donors.</p>
3 .	Novelty/ Uniqueness	<p>We help the donor to access the location of a blood centre which is nearby him/her. We Notify them by sending a confirmation emails after they get registered for the plasma donation and also we notify them once the appointment is fixed in the centre. Further, more the GPS map option is available to direct</p> <p>The donor to the centre.</p>

4.	Social Impact / Customer Satisfaction	By using this application, the user will experience a user-friendly and responsive interface and they get satisfaction by Saving thousand so people's life.
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5.	Business Model (Revenue Model)	<p>Donating Plasma with the help of an application makes our idea realistic. The user's information is encrypted.</p> <p>We maintain this app by automation for saving admin and user time. Users get benefited as we take care of them even after the plasma donation by giving them hospitality details. Also, we use the Chatbot to answer FAQs, which helps the user to get immediate Answer to their doubts.</p>
6.	Scalability of the Solution	<p>Whatever the requirements, the application provides a clear solution for the requirements. It can handle more users who use the application at the same time.</p>

3.4 Problem Solution fit

Define CS, fit into CC	1.CUSTOMER SEGMENT CS <ul style="list-style-type: none">- The recipient who are in need of plasma.- The NGO's & hospital managements.	6.CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none">- There are no connection details between the customers.- Unavailability of plasma at the needed time.	5.AVAILABLE SOLUTIONS AS <ul style="list-style-type: none">- Seeking help through social media.- Existing system involves, only the collection of donor data and will not notify the about the recipient.	Explore AS, differentiate
	2.JOBS TO BE DONE/PROBLEMS J&P <ul style="list-style-type: none">- Establish a connection between the donor and the recipient.- Notify donors at the correct time.- Demand has increased.	9.PROBLEM ROOT CAUSE RC <ul style="list-style-type: none">- During the COVID 19 crisis, the requirement of plasma became a high priority and the donor count has become low. Saving the donor information and helping the needy by notifying the current donors list, would be a helping hand.	7.BEHAVIOUR BE <ul style="list-style-type: none">- The recipient will get the plasma at the right time.- The donors whose details, stored in database during registration will be notified.	
	3.TRIGGERS TR <ul style="list-style-type: none">- We can advertise the web app through the NGO's and through the pharmaceutical companies.	10.YOUR SOLUTION SL <ul style="list-style-type: none">- Finding the respective donor and notify them through email for the requests.	8.CHANNELS OF BEHAVIOUR CH <ul style="list-style-type: none">- The donor will register and they will be notified through the mail.- It will act as a communication channel.	
Identify strong TR & EM	4.EMOTIONS: BEFORE/AFTER EM <ul style="list-style-type: none">- Before: Anxiety, Stress, Scared- After: Relaxed, Happy	Identify strong TR & EM		

4. REQUIREMENT ANALYSIS

4.1 Functional requirement

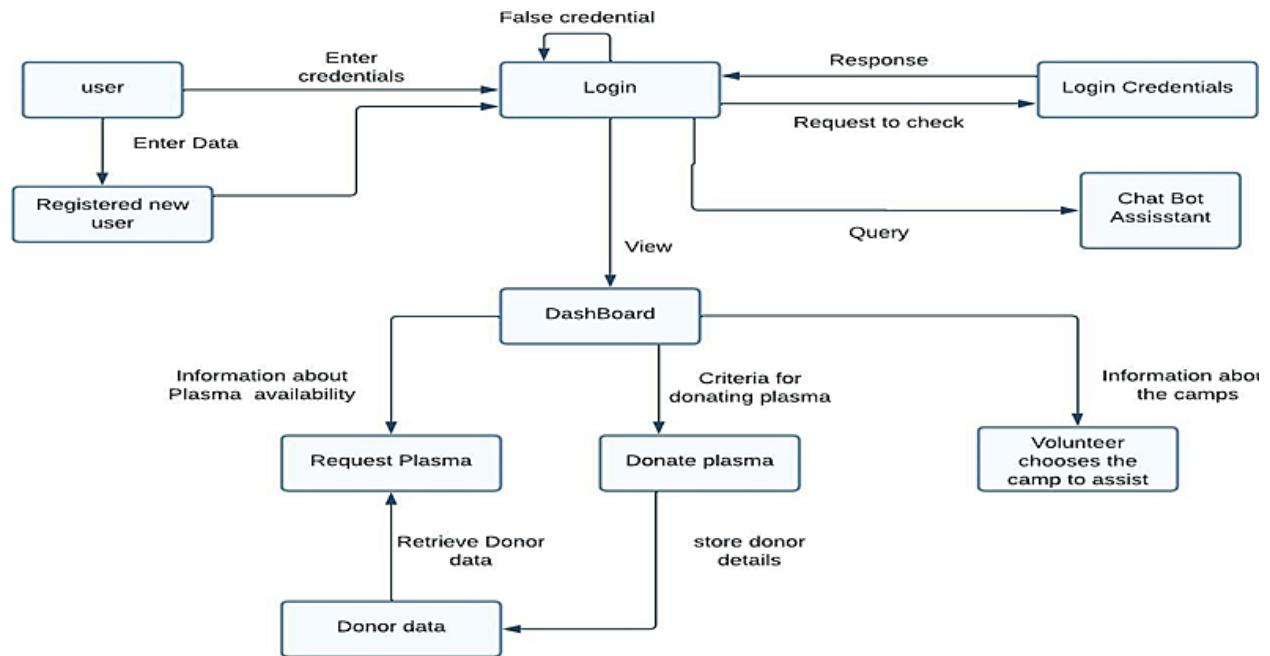
FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form (WebApp)
FR-2	User Confirmation	Confirmation via EmailConfirmation via OTP
FR-3	Certification	After the donor donates plasma, we will give them a certificate of appreciation and authentication.
FR-4	Statistical data	The availability of plasma is given in the page as stats, which will be helpful for the users.
FR-5	User Plasma Request	Users can request to donate plasma by filling out the request form on the page. Once the request is submitted, they will get an email
FR-6	Searching/reporting requirements	Users can use the search bar to look up information about camps and other topics.
FR-7	Virtual Assistants	A virtual assistant is a software agent that can carry out tasks or provide services on behalf of a person in response to commands or inquiries. When users enter their inquiries, the system will respond with pertinent information about plasma and details of plasma donation.

4.2 Non-Functional requirements

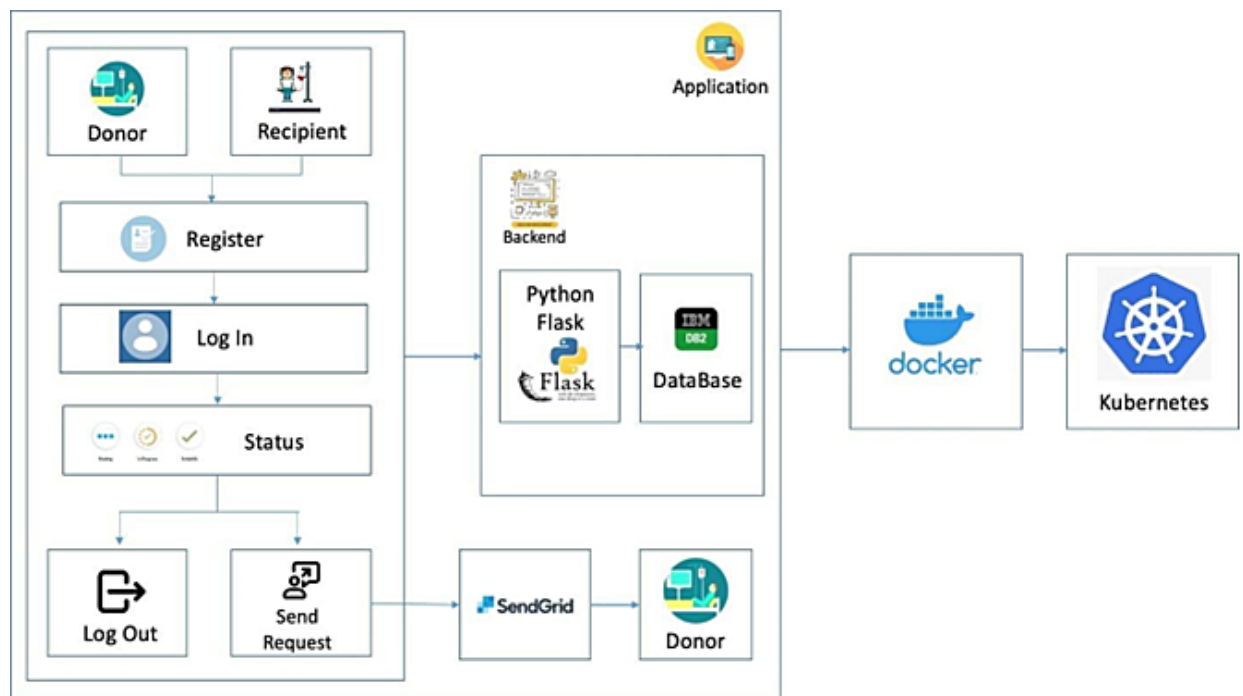
NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Must have a good-looking User-friendly interface.
NFR-2	Security	It must be secured with the proper username and password.
NFR-3	Reliability	The system should be made in such a way that it is reliable in its operations and for securing the sensitive details.

5. PROJECT DESIGN

5.1 Data Flow Diagrams



5.2 Solution & Technical Architecture



5.2 User Stories

User Type	Functional Requirement(Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer(Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email,password, and confirmingmy password.	I can access my account /dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation emailonce I have registered for the application	I can receive confirmationemail &clickconfirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Gmail	I can receive confirmation notifications throughGmail	Medium	Sprint-1
	Login	USN-4	As a user, I can loginto the application by entering email & password	I can access into myUser profile and view details indashboard	High	Sprint-1
	Dashboard	USN-5	As a user, I can send the proper requests todonate and obtainplasma.	I can receive appropriate notifications throughemail	High	Sprint-1
Customer (Webuser)	Login	USN-6	As a user, I can register and log into the application by entering email & password toview the profile	I can access into myUser profile and view detailsindashboa rd	High	Sprint-1
	Dashboard	USN-7	As a user, I can send the proper requests todonate and obtain plasma.	I can receive appropriate notifications throughemail	High	Sprint-1
Customer CareExecutive	Application	USN-8	As a customer care executive, I can try to address user's concerns and questions	I can view and address their concerns	Medium	Sprint-2

Administrator	Application	USN-9	As an administrator I can help with user-facing aspects of a website, like its appearance, navigation and use of media.	I can change appearance friendly manner	Medium	Sprint-3
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6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

Sprint	Functional Requirement (Epic)	Plasma Donor Application	User Story / Task	Story Points	Priority	Team members
Sprint-1	Registration	PDA-1	As a user, I can register for the application by entering my Name, email, password, confirming my password, Age, BloodGroup.	3	High	Kamlesh Kumar Koh; i
Sprint-3		PDA-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Kamlesh , akash
Sprint-2		PDA-3	As a user, I can register for the application through Gmail	5	Medium	Kamlesh akash

Sprint-1	Login	PDA-4	As a user, I can log into the application by entering email and password	2	High	Kamlesh akash hariyanpriyan
Sprint-3		PDA-5	As a user, I can reset my password using Forgot Password option	4	Medium	Kamlesh Lokesh akash
Sprint-4		PDA-6	As a user, I can view my past requests for plasma donation	3	Low	Kamlesh Lokesh akash hariyanpriyan
Sprint-4		PDA-7	As a user, I can close past requests I made for plasma	2	Low	Kamlesh

Sprint-1	Home Page	PDA-8	As a user, I can view the homepage of the website	2	Medium	kamlesh
Sprint - 1	About Page	PDA-9	As a user, I can view the about page on the website and get information related to Plasma Donation	2	Medium	Kamlesh akash
Sprint - 2	Register as Donor	PDA-11	As a user, I can register as a donor by submitting a form and uploading certificate of recovery from Covid-19	3	High	Kamlesh akash
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members

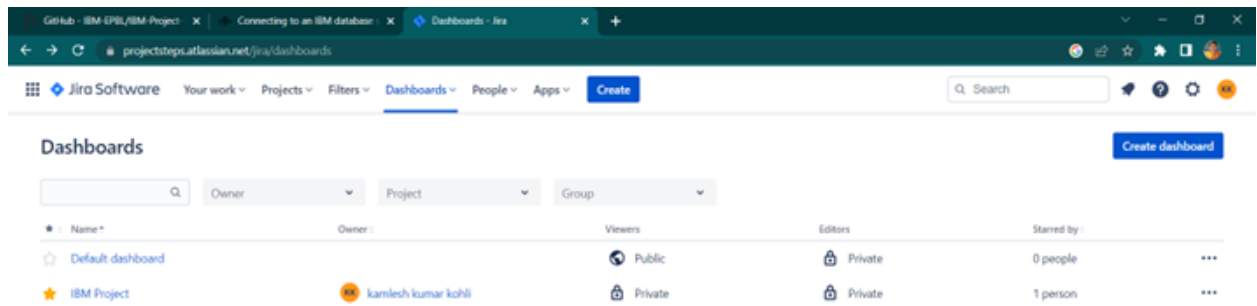
Sprint-1	Home Page	PDA-8	As a user, I can view the homepage of the website	2	Medium	kamlesh
Sprint - 1	About Page	PDA-9	As a user, I can view the about page on the website and get information related to Plasma Donation	2	Medium	Kamlesh akash
Sprint - 2	Register as Donor	PDA-11	As a user, I can register as a donor by submitting a form and uploading certificate of recovery from Covid-19	3	High	Kamlesh akash
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members

Sprint-2	Send Request	PDA-12	As a user, I can raise a request for plasma donation with specific requirements through the request page.	2	High	Kamlesh , akash
Sprint-3	View Requests	PDA-13	As a user, I can view requests for plasma donation verified by admin	4	Medium	Kamlesh , hariyanpriyan
Sprint-4	Maintenance	PDA-14	As an admin, I can maintain the databases involved	2	Medium	Kamlesh Lokesh akash
Sprint-2	Handle Requests	PDA-15	As an admin, I can view all requests for plasma donation	1	High	Kamlesh hariyanpriyan
Sprint-4		PDA-16	As an admin, I can delete requests that are past some time period or have been closed	3	Low	Kamlesh Akash
Sprint-2	Solving User Queries	PDA-17	Creating a ChatBot that helps to solve the queries of the user.	2	High	Kamlesh

6.2 Sprint Delivery Schedule

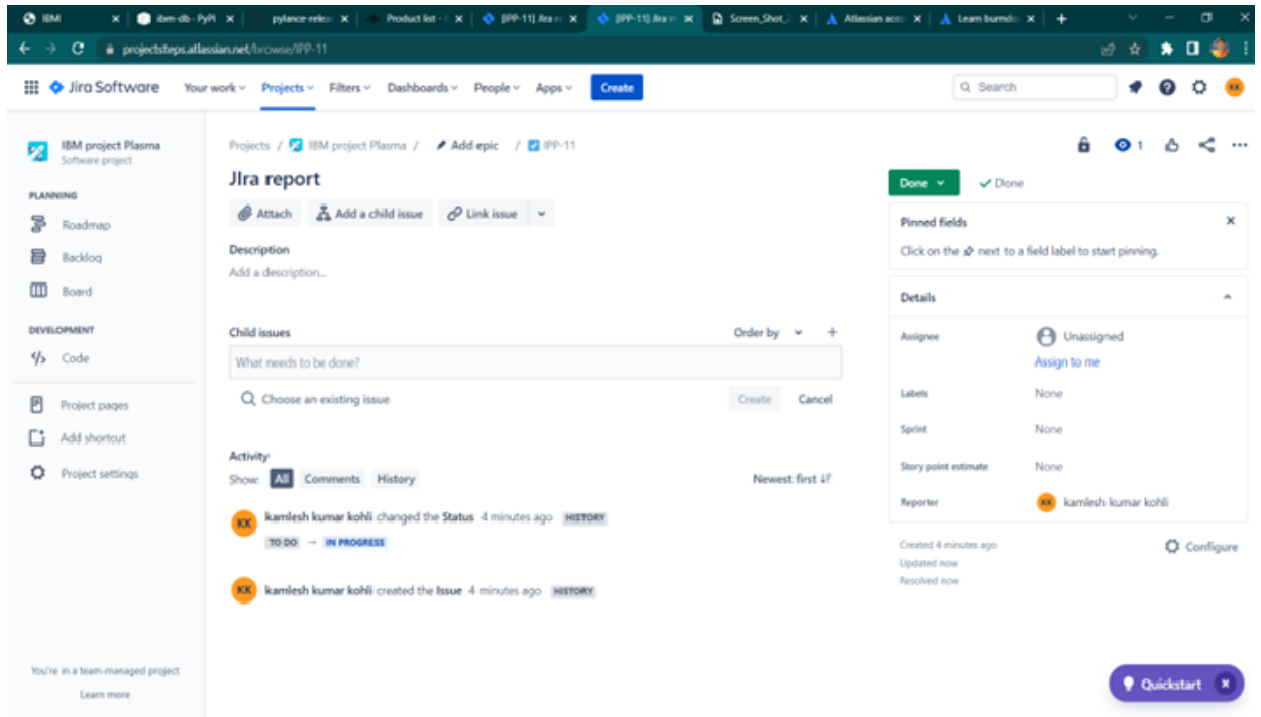
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned EndDate)	Sprint Release Date (Actual)
Sprint-1	8	5 Days	27 Oct 2022	31 Nov2022	8	03 Nov2022
Sprint-2	13	4 Days	01 Nov 2022	06 Nov 2022	12	07 Nov 2022
Sprint-3	11	5 Days	07 Nov 2022	12 Nov2022	11	09 Nov 2022
Sprint-4	9	5 Days	14 Nov 2022	19 Nov2022	8	15 Nov 2022

6.3 Reports from JIRA



The screenshot shows the Jira Dashboards page. At the top, there's a navigation bar with 'Jira Software', 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', and 'Apps'. Below this, the 'Dashboards' section is active. It features a search bar, filters for 'Owner', 'Project', and 'Group', and a 'Create dashboard' button. The main content area displays a table of dashboards:

Name	Owner	Viewers	Editors	Starred by
Default dashboard		Public	Private	0 people
IBM Project	kamlesh kumar kohli	Private	Private	1 person



7. CODING & SOLUTIONING

(Explain the features added in the project along with code)

7.1 Feature 1

Python

It is a [high-level](#), [general-purpose programming language](#). Its design philosophy emphasizes [code readability](#) with the use of [significant indentation](#).[\[33\]](#)

Python is [dynamically-typed](#) and [garbage-collected](#). It supports multiple [programming paradigms](#), including [structured](#) (particularly [procedural](#)), [object-oriented](#) and [functional programming](#).

It is often described as a "batteries included" language due to its comprehensive [standard library](#).[\[34\]](#)[\[35\]](#)

[Guido van Rossum](#) began working on Python in the late 1980s as a successor to the [ABC programming language](#) and first released it in 1991 as Python 0.9.0.[\[36\]](#)

Python 2.0 was released in 2000 and introduced new features such as [list comprehensions](#), [cycle-detecting](#) garbage collection,

[referencecounting](#), and [Unicode](#) support. Python 3.0, released in 2008, was a major revision that is not completely [backward-compatible](#) with earlier versions. Python2 was discontinued with version 2.7.18 in 2020.[37]

Python consistently ranks as one of the most popular programming languages

7.2 Feature 2

Flask:

Flask is a micro [web framework](#) written in [Python](#). It is classified as a [micro framework](#) because it does not require particular tools or libraries.[2]

It has no [database](#) abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions.

However, Flask supports extensions that can add application features as if they were implemented in Flask itself. Extensions exist for [object-relational mappers](#), form validation, upload handling, various open authentication technologies and several common framework related tools.

7.3 Database Schema (if Applicable)

IBM Db2

a hybrid ANSI-compliant data virtualization tool for accessing, querying and summarizing data across the enterprise which:

- Provides a massively parallel processing (MPP) architecture Exploits Hive, HBase and Apache Spark concurrently for best-in-class analytic capabilities
 - Requires only a single database connection or query to connect disparate sources such as HDFS, RDMS, NoSQL databases, object stores and Web HDFS
- Provides low latency support for ad-hoc and complex queries, high performance, and federation capabilities
- Understands dialects from other vendors and various products from Oracle, IBM® Db2® and IBM Netezza®
- Enables advanced row and column security-

KUBERNATES:

Kubernetes – also known as “k8s” or “kube” – is a container orchestration platform for scheduling and automating the deployment, management, and scaling of containerized applications. Kubernetes was first developed by engineers at Google before being open sourced in 2014. It is a descendant of Borg, a container orchestration platform used internally at Google. Kubernetes is Greek for helmsman or pilot, hence the helm in the Kubernetes logo (link resides outside IBM). Today, Kubernetes and the broader container ecosystem are maturing into a general-purpose computing platform and ecosystem that rivals – if not surpasses – virtual machines (VMs) as the basic building blocks of modern cloud infrastructure and applications. This ecosystem enables organizations to deliver a highproductivity Platform-as-a-Service (PaaS) that addresses multiple infrastructure-related and operations-related tasks and issues surrounding cloud-native development so that development teams can focus solely on coding and innovation.

8. TESTING

8.1 Test Cases

The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functional it your components, subassemblies, assemblies and/or a finished product It is the process of exercising software with the intent of ensuring that the Software system meets its requirements and user expectation and does not fail in an unacceptable manner. There are various types of test. Each test type addresses a specific testing requirement

8.2 User Acceptance Testing

Defect Analysis:

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
ByDesign	10	4	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
NotReproduced	0	0	1	0	1
Skipped	0	0	1	1	2

Won't Fix	0	5	2	1	8
Totals	24	14	13	26	77

Test Case Analysis

Section	Total Cases	Not Tested	Fail	Pass
Print Engine	7	0	0	7
ClientApplication	51	0	0	51
Security	2	0	0	2
OutsourceShipping	3	0	0	3
ExceptionReporting	9	0	0	9
FinalReport Output	4	0	0	4
VersionControl	2	0	0	2

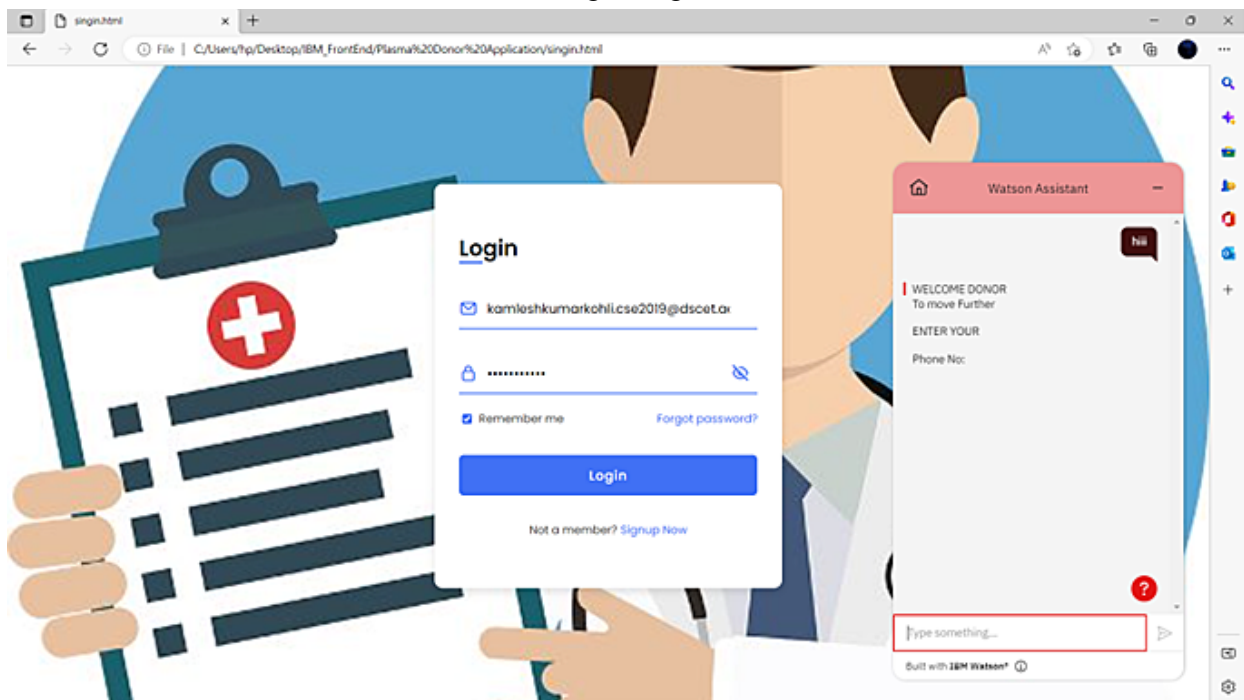
9. RESULTS

9.1 Performance Metrics

- Project metrics are used to track the progress and performance of a project
- Monitoring parts of a project like productivity, scheduling, and scope make it easier for team leaders to see what's on track.
- As a project evolves, managers need access to changing deadlines or budgets to meet their client's expectations

OUTPUT SCREENS:

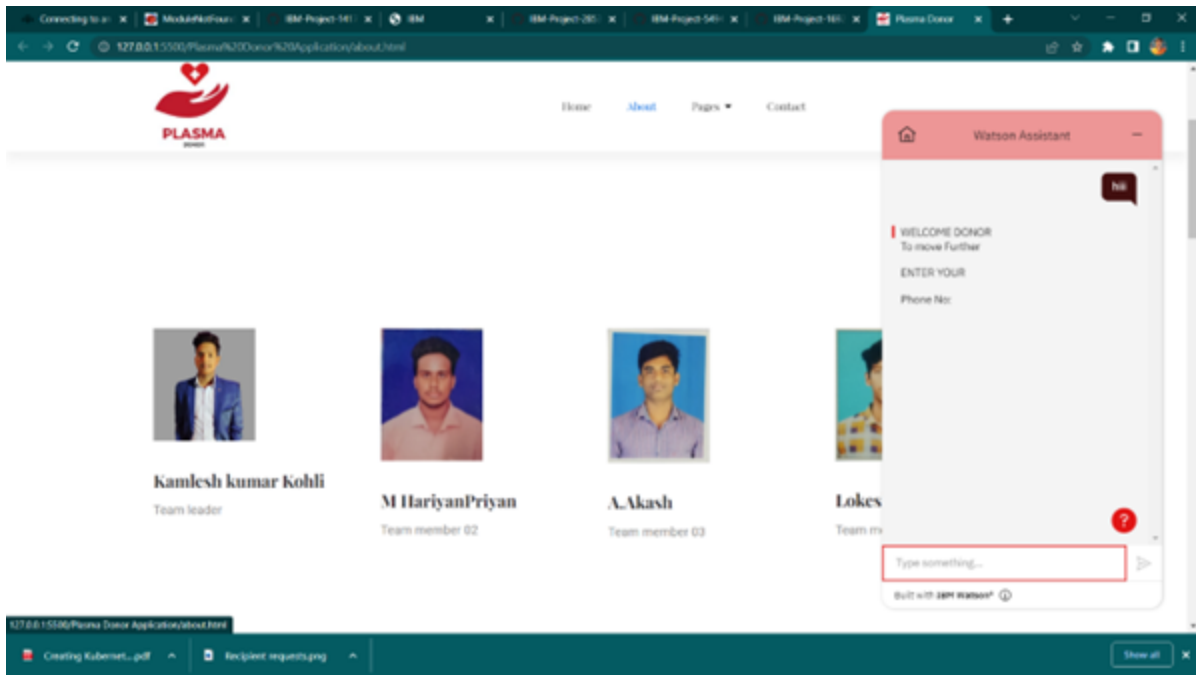
Login Page:



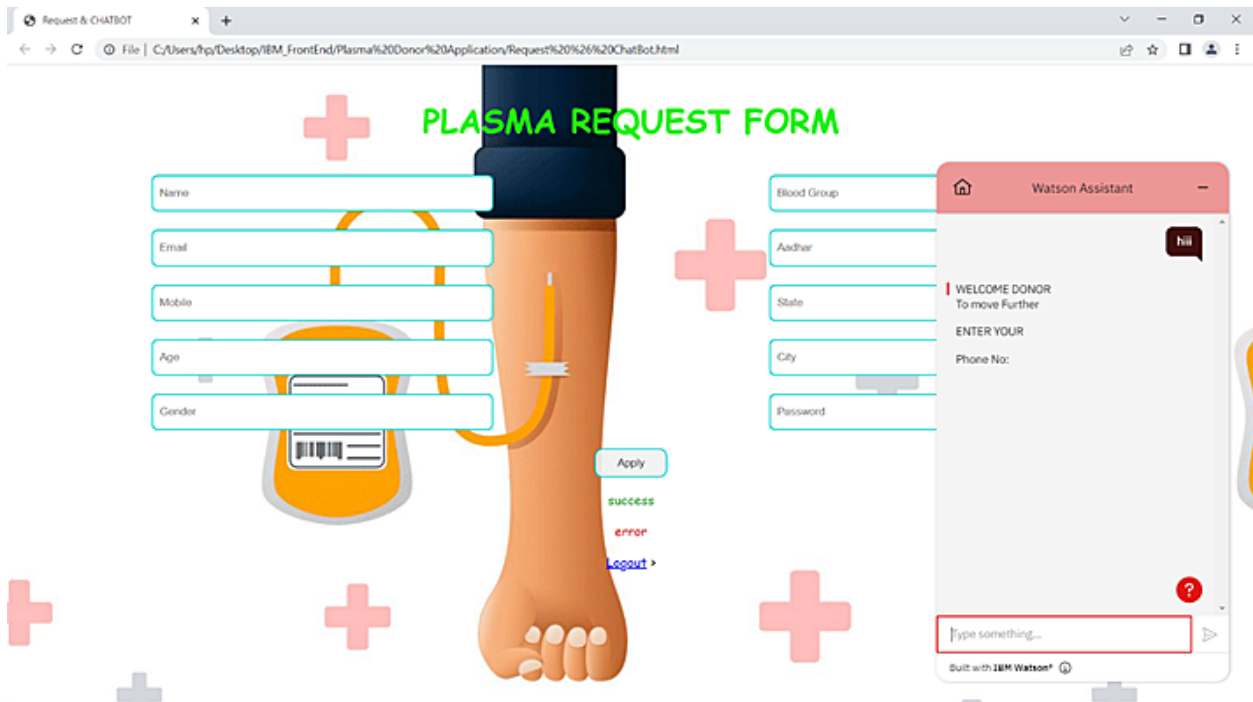
Register Page:



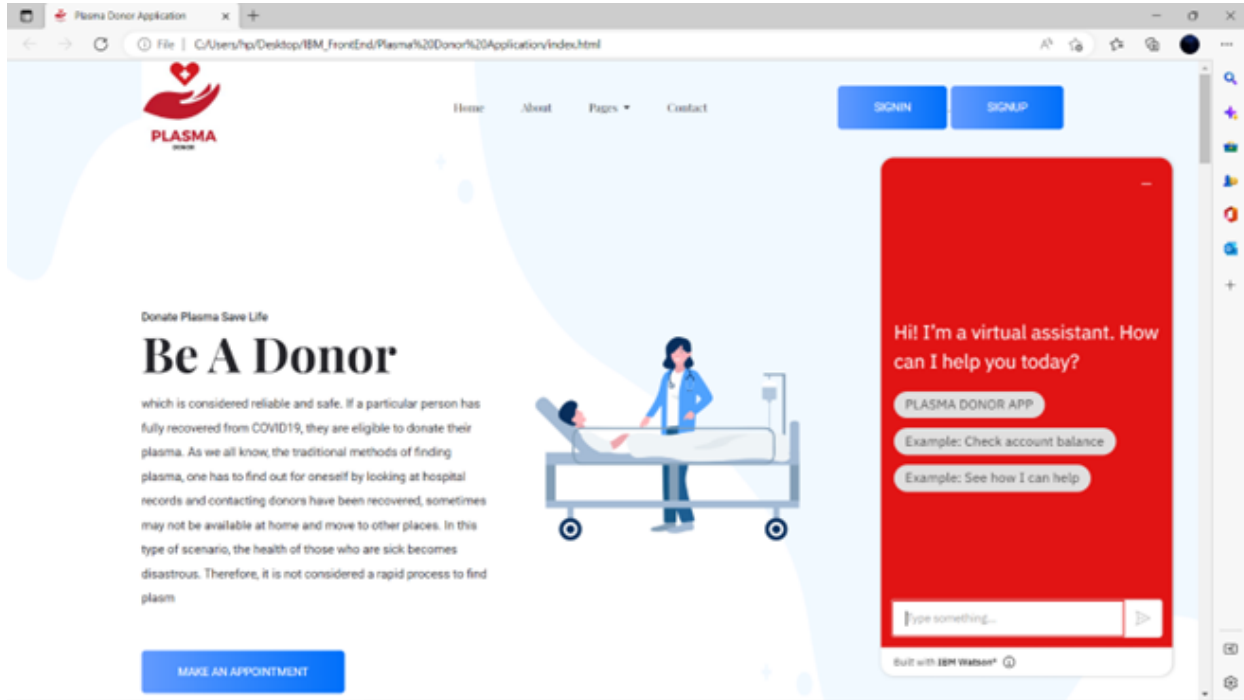
About us:



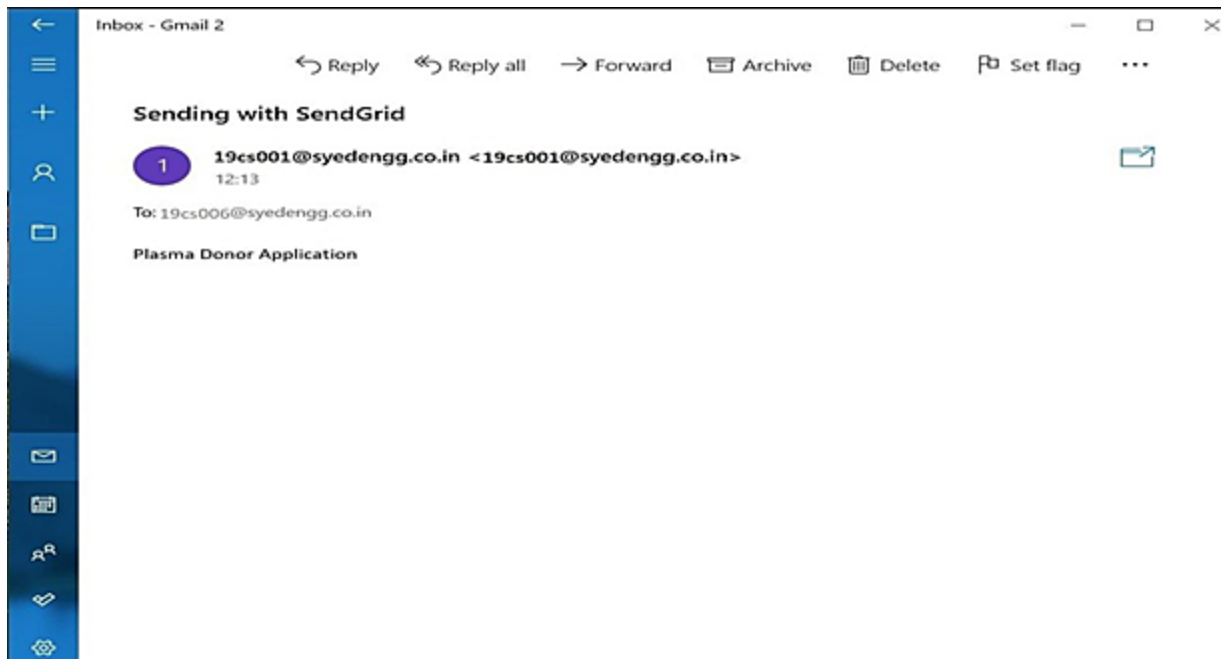
Request Page:



Dashboard Page:



Send grid:



IBM Db 2

IBM Db2 on Cloud

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

Find schemas or tables

Tables

Name	Schema	Properties
IBM_DB_PLASMA	JHG91280	---

Total: 1, selected: 1

Table definition

IBM_DB_PLASMA
Approximate 0 rows (0 KB)
Updated on 2022-11-18 07:17:58

Name	Data type	Nullable	Length	Scale
LASTNAME	VARCHAR	Y	255	0
FIRSTNAME	VARCHAR	Y	255	0
ADDRESS	VARCHAR	Y	255	0
CITY	VARCHAR	Y	255	0
PHONE	VARCHAR	Y	20	0
AGE	VARCHAR	Y	30	0
SEX	VARCHAR	Y	30	0
BLOOD_GROUP	VARCHAR	Y	30	0

View data

IBM Db2 on Cloud

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

ZTG96113.REGTBL

Back

Export to CSV

USERNAME	EMAIL	PASSWORD	re-password	PHONNUMBER
Kis	ksho	pass	pass	999

10. ADVANTAGES & DISADVANTAGES

- Speed: This website is fast and offers great accuracy as compared to keeping.
- Maintenance : Less maintenance is required
- User Friendly: It is very easy to use and understand. It is easily workable and accessible for everyone.
- Fast Results: It would help you to provide plasma donors easily depending upon the availability of it.
- Internet: It would require an internet connection for the working of the website.
- Auto- Verification: It cannot automatically verify the genuine users

11. CONCLUSION

The efficient way of finding plasma donor for the infected people is implemented using the plasma donor website that is hosted on IBM Cloud platform. To ensure the smooth functioning of the web site operation. I have hosted the website in IBM Db2 & Kubernetes Cluster to make sure the operations are running successfully Cloud lambda function is used and to deploy the application IBM Db2 service is used.

12. FUTURE SCOPE

Upgrading the UI that is more user-friendly which will help many users to access the website and also ensures that many plasma donors can be added into the community. Using elastic load balancer, it helps to handle multiple requests at the same time which will maintain the uptime of the website with negligible downtime.

13. APPENDIX

13.1 Source Code

LOGIN.HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible"
content="IE=edge">
  <meta name="viewport" content="width=device-
width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://unicons.iconscout.com/release/v4.0.0/cs
s/line.css">
  <link rel="stylesheet" href="css/singin.css">
</head>
<body>
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "3b214ae8-6eba-404e-85be-
```

```

63772e4c2fef", // The ID of this integration.
    region: "eu-gb", // The region your
integration is hosted in.
    serviceInstanceID: "3b4bf0dd-e329-4199-
99b4-25f9ba1ee227", // The ID of your service
instance.

    onLoad: function(instance) {
instance.render(); }

    };

    setTimeout(function() {
        const t=document.createElement('script');
        t.src="https://web-
chat.global.assistant.watson.appdomain.cloud/versions
/" + (window.watsonAssistantChatOptions.clientVersion
|| 'latest') + "/WatsonAssistantChatEntry.js";
        document.head.appendChild(t);
    });
</script>

<div class="container">
    <div class="forms">
        <div class="form login">
            <span class="title">Login</span>

            <form action="#">
                <div class="input-field">
                    <input type="text"
placeholder="Enter your email" required>

```

```
                <i class="uil uil-envelope
icon"></i>
            </div>
            <div class="input-field">
                <input type="password"
class="password" placeholder="Enter your password"
required>
                <i class="uil uil-lock
icon"></i>
                <i class="uil uil-eye-slash
showHidePw"></i>
            </div>

            <div class="checkbox-text">
                <div class="checkbox-
content">
                    <input type="checkbox"
id="logCheck">
                    <label for="logCheck"
class="text">Remember me</label>
                </div>
                <a href="#"
class="text">Forgot password?</a>
            </div>

            <div class="input-field button">
                <input type="button"
```

```

value="Login">
</div>
</form>
<div class="login-signup">
    <span class="text">Not a member?
    <a href="plasama donar
reg.html" class="text signup-link">Signup Now</a>
</span>
</div>
</div>
</body>
</html>

```

REGISTER.HTML

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible"
content="IE=edge">
    <meta name="viewport" content="width=device-
width, initial-scale=1.0">

```

```
<title>Document</title>
<link rel="stylesheet" href="css/plagmacss.css">
</head>
<style>
</style>
<body>
<script>
    window.watsonAssistantChatOptions = {
        integrationID: "3b214ae8-6eba-404e-85be-
63772e4c2fef", // The ID of this integration.
        region: "eu-gb", // The region your integration
is hosted in.
        serviceInstanceID: "3b4bf0dd-e329-4199-99b4-
25f9ba1ee227", // The ID of your service instance.
        onLoad: function(instance) { instance.render();
    }
    };
    setTimeout(function() {
        const t=document.createElement('script');
        t.src="https://web-
chat.global.assistant.watson.appdomain.cloud/versions
/" + (window.watsonAssistantChatOptions.clientVersion
|| 'latest') + "/WatsonAssistantChatEntry.js";
        document.head.appendChild(t);
    });
</script>
```

```
<h1>Plasma Donor Registration Form</h1>
<form action="SEND ADDRESS" id="ft-form"
method="POST" accept-charset="UTF-8"
enctype="multipart/form-data">
    <div class="two-cols">
        <label>
            First name *
            <input type="text" name="First name"
placeholder="Frist Name" required>
        </label>
        <label>
            last Name *
            <input type="text" name="Last name"
placeholder="Last Name" required>
        </label>
    </div>
    <div class="two-cols">
        <label>
            Citizenship*
            <input type="text" name="Citizenship"
placeholder="Citizenship*" required>
        </label>
        <label>
            Date of birth*
            <input type="date" name="Date of birth"
placeholder="Date of birth*" required>
        </label>
        <label>
```



```
</div>
```

```
<label>
```

```
Age in(Year) *
```

```
<input type="text" name="College name"
required>
```

```
</label>
```

```
</label>
```

```
</label>
```

```
</label>
```

```
<div>
```

```
<label>
```

```
Blood Group*
```

```
<select id="Blood Group" name="Blood
Group">
```

```
<option value="select option">select
option</option>
```

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

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

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

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

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

```
<option value="AB-">AB-</option>
```

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

```

        <option value="0">0-</option>
    </select>
</label>
</div>
<label>
    Address*
    <input type="text" name="College name"
required>
</label>
<p class="question">SEX</p>
<div class="question-answer">
    <label><input type="radio"
value="none" name="visited" />Male</label>
    <label><input type="radio"
value="none" name="visited" />Female</label>
    <label><input type="radio"
value="none" name="visited" />othere</label>
</div>
<div class="two-cols">
    <label>
        ZIP Code
        <input type="text" name="ZIP">
    </label>
    <label>
        City
        <input type="text" name="City">

```

```
        </label>
    </div>
    <div class="two-cols">
        <label>
            Phone *
            <input type="tel" name="Phone"
required>
        </label>
        <label>
            Email address *
            <input type="email" name="Email"
required>
        </label>
    </div>
    <div class="input-field button">
        <input type="button" value="Submit">
    </div>
</div>
</form>
</body>
</html>
```

APP.PY

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

import ibm_db
import bcrypt
conn =
ibm_db.connect ("DATABASE=bludb;HOSTNAME=19af6446-
6171-4641-8aba-
9dcff8e1b6ff.clogj3sd0tgtu0lqde00.databases.appdomain.c
loud;PORT=30699;SECURITY=SSL;SSLServerCertificate=Digi
CertGlobalRootCA.crt;UID=dkz79110;PWD=VnQyUFTQ0JNLLG
q", '', '')

app = Flask(__name__)

@app.route('/home')
def home():
    return render_template("home.html")

@app.route('/login', methods=['POST', 'GET'])
def login():
    if request.method=='POST':
        username = request.form['username']
        password = request.form['password']
        sql = "select * from user 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)

        dic = ibm_db.fetch_assoc(stmt)

        print(login)

        if login:

            return redirect(url_for('home.html'))

        else:

            return redirect(url_for('login.html'))

            return redirect(url_for('home.html'))

    elif request.method=='GET':

        return render_template('login.html')

    else:

        return redirect(url_for('login.html'))

@app.route('/register', methods=['POST', 'GET'])
def register():

    if request.method=='POST':

        username = request.form['username']
        password = request.form['password']
        confirmpassword = request.form['confirm
password']

        gender = request.form['gender']
        age = request.form['age']
        email = request.form['email']
        mobileno = request.form['mobile no']

```

```

        address = request.form['address']
        sql = "insert into user
values(?,?,?,?,?,?,?,?) "
        prep_stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(prepare_stmt, 1, username)
        ibm_db.bind_param(prepare_stmt, 2, password)
        ibm_db.bind_param(prepare_stmt, 3, confirmpassword)
        ibm_db.bind_param(prepare_stmt, 4, gender)
        ibm_db.bind_param(prepare_stmt, 5, age)
        ibm_db.bind_param(prepare_stmt, 6, email)
        ibm_db.bind_param(prepare_stmt, 7, mobileno)
        ibm_db.bind_param(prepare_stmt, 7, address)
        ibm_db.execute(prepare_stmt)
        return redirect(url_for('home'))
    elif request.method=='GET':
        return render_template('register')

@app.route('/registerfordonor', methods=['POST', 'GET'])
def registerfordonor():
    if request.method=='POST':
        firstname = request.form['firstname']
        lastname = request.form['lastname']
        age1 = request.form['age1']
        bloodgroup = request.form['bloodgroup']
        gender1 = request.form['gender']

```

```

        donatedbefore = request.form['donatedbefore']
        address1 = request.form['address']
        anyhealthissues =
request.form['anyhealthissues']
        sql = "insert into donordetails
values(?,?,?,?,?,?,?,?) "
        prep_stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(prepare_stmt, 1, firstname)
        ibm_db.bind_param(prepare_stmt, 2, lastname)
        ibm_db.bind_param(prepare_stmt, 3, age1)
        ibm_db.bind_param(prepare_stmt, 4, bloodgroup)
        ibm_db.bind_param(prepare_stmt, 5, gender1)
        ibm_db.bind_param(prepare_stmt, 6, donatedbefore)
        ibm_db.bind_param(prepare_stmt, 7, address1)
        ibm_db.bind_param(prepare_stmt, 8,
anyhealthissues)
        ibm_db.execute(prepare_stmt)
        return redirect(url_for('home'))
    elif request.method=='GET':
        return render_template('register')
    else:
        return render_template('error.html')

if (__name__)=='__main__':
    app.run(host='0.0.0.0', port=8080, debug=True)

```

INDEX.HTML

```
<!doctype html>
```

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

```
<head>
```

```
<!-- Required meta tags -->
```

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

```
<meta name="viewport" content="width=device-  
width, initial-scale=1, shrink-to-fit=no">
```

```
<title>Plasma Donor Application</title>
```

```
<link rel="icon" href="img/07.png">
```

```
<!-- Bootstrap CSS -->
```

```
<link rel="stylesheet"  
href="css/bootstrap.min.css">
```

```
<!-- animate CSS -->
```

```
<link rel="stylesheet" href="css/animate.css">
```

```
<!-- owl carousel CSS -->
```

```
<link rel="stylesheet"  
href="css/owl.carousel.min.css">
```

```
<!-- themify CSS -->
```

```
<link rel="stylesheet" href="css/themify-  
icons.css">
```

```
<!-- flaticon CSS -->
```

```
<link rel="stylesheet" href="css/flaticon.css">
```

```
<!-- magnific popup CSS -->
```

```
<link rel="stylesheet" href="css/magnific-  
popup.css">
```

```
<!-- nice select CSS -->
```

```
<link rel="stylesheet" href="css/nice-  
select.css">
```



```

<!-- swiper CSS -->
<link rel="stylesheet" href="css/slick.css">
<!-- style CSS -->
<link rel="stylesheet" href="css/style.css">
</head>

<body>

<script>
    // creating chatBot for my webpages
    window.watsonAssistantChatOptions = {
        integrationID: "3b214ae8-6eba-404e-85be-
63772e4c2fef", // The ID of this integration.
        region: "eu-gb", // The region your
integration is hosted in.
        serviceInstanceID: "3b4bf0dd-e329-4199-
99b4-25f9ba1ee227", // The ID of your service
instance.
        onLoad: function(instance) {
instance.render(); }
    };

    setTimeout(function() {
        const t=document.createElement('script');
        t.src="https://web-
chat.global.assistant.watson.appdomain.cloud/versions
/" + (window.watsonAssistantChatOptions.clientVersion
|| 'latest') + "/WatsonAssistantChatEntry.js";
        document.head.appendChild(t);
    });

```

```

</script>
<!--::header part start::-->
<header class="main_menu home_menu">
  <div class="container">
    <div class="row align-items-center">
      <div class="col-lg-12">
        <nav class="navbar navbar-expand-
lg navbar-light">
          <a class="navbar-brand"
href="index.html"> 
</a>
          <!-- <a class="navbar-brand"
href="index.html"> 
</a> -->
          <button class="navbar-
toggler" type="button" data-toggle="collapse"
data-
target="#navbarSupportedContent" aria-
controls="navbarSupportedContent"
aria-expanded="false"
aria-label="Toggle navigation">
            <span class="navbar-
toggler-icon"></span>
          </button>
          <div class="collapse navbar-
collapse main-menu-item justify-content-center"

```

```

id="navbarSupportedContent">
    <ul class="navbar-nav
align-items-center">
        <li class="nav-item
active">
            <a class="nav-
link" href="index.html">Home</a>
        </li>
        <li class="nav-item">
            <a class="nav-
link" href="about.html">about</a>
        </li>
        <li class="nav-item
dropdown">
            <a class="nav-
link dropdown-toggle" href="blog.html"
id="navbarDropdown"
role="button"
data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false">
                Pages
            </a>
            <div
class="dropdown-menu" aria-
labelledby="navbarDropdown">
                <a

```

```
class="dropdown-item"
```

```
href="services.html">services</a>
```

```
<a
```

```
class="dropdown-item" href="dep.html">depertrments</a>
```

```
<a
```

```
class="dropdown-item"
```

```
href="elements.html">Elements</a>
```

```
</div>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-
```

```
link" href="contact.html">Contact</a>
```

```
</li>
```

```
</ul>
```

```
</div>
```

```
<a class="btn_2 d-none d-lg-
```

```
block" href="singin.html"> SignIn</a>
```

```
<p>.</p>
```

```
<a class="btn_2 d-none d-lg-
```

```
block" href="plasama donar reg.html"> SignUp</a>
```

```
</nav>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</header>
```

```
<!-- Header part end-->
```

```
<!-- banner part start-->
```

```
<section class="banner_part">
```

```
<div class="container">
```

```
<div class="row align-items-center">
```

```
<div class="col-lg-5 col-xl-5">
```

```
<div class="banner_text">
```

```
<div
```

```
class="banner_text_iner">
```

```
<h5>Donate Plasma Save  
Life</h5>
```

```
<h1>Be a Donor </h1>
```

```
<p>which is considered  
reliable and safe. If a particular person has fully  
recovered from COVID19, they are eligible to donate  
their plasma. As we all know, the traditional methods  
of finding plasma, one has to find out for oneself by  
looking at hospital records and contacting donors  
have been recovered, sometimes may not be available  
at home and move to other places. In this type of  
scenario, the health of those who are sick becomes  
disastrous. Therefore, it is not considered a rapid  
process to find plasm </p>
```

```
<a href="#"
```

```
class="btn_2">Make an appointment</a>
```

```
        </div>
    </div>
</div>
<div class="col-lg-7">
    <div class="banner_img">
        
    </div>
</div>
</div>
</div>
</div>
</section>
<!-- banner part start-->

<!-- about us part start-->
<section class="about_us padding_top">
    <div class="container">
        <div class="row justify-content-between
align-items-center">
            <div class="col-md-6 col-lg-6">
                <div class="about_us_img">
                    
                </div>
            </div>
            <div class="col-md-6 col-lg-5">
                <div class="about_us_text">
                    <h2>About us</h2>
```

```
                <p>Lorem ipsum dolor sit  
amet, consectetur adipiscing elit sed  
do eiusmod tempor  
incididunt ut labore et dolore magna aliqua  
Quis ipsum suspendisse  
ultrices gravida. Risus cmodo viverra  
maecenas accumsan lacus  
vel</p>
```

```
                <a class="btn_2 "  
href="#">learn more</a>
```

```
                <div class="banner_item">  
                    <div class="single_item">  
                          
                        <h5>Emergency</h5>  
                    </div>  
                    <div class="single_item">  
                          
                        <h5>Appointment</h5>  
                    </div>  
                    <div class="single_item">  
                          
                        <h5>Qualified</h5>  
                    </div>  
                </div>  
            </div>  
        </div>
```

</div>

```
</div>
```

</div>

```
</section>
```

```
<!-- about us part end-->
```

```
<section class="feature_part">
```

```
<div class="container">
```

```
<div class="row justify-content-center">
```

```
<div class="col-xl-8">
```

```
<div class="section_title text-center">
```

Our services

</div>

</div>

```
<div class="row justify-content-between align-items-center">
```

```
<div class="col-lg-3 col-sm-12">
```

```
<div class="single_feature">
```

<div>

```
class="single_feature_part">
```



```
class="single_feature_icon"></span>
```

Better Future

```
<p>Darkness multiply rule
```



```
<div
class="single_feature_part">
    <span
class="single_feature_icon"></span>
    <h4>Better Future</h4>
    <p>Darkness multiply rule
Which from without life creature blessed
    give moveth moveth
seas make day which divided our have.</p>
</div>
</div>
<div class="single_feature">
    <div
class="single_feature_part">
    <span
class="single_feature_icon"></span>
    <h4>Better Future</h4>
    <p>Darkness multiply rule
Which from without life creature blessed
    give moveth moveth
seas make day which divided our have.</p>
    </div>
</div>
</div>
</div>
</div>
```

```

</section>
<!-- feature_part start-->

<!-- our department part start-->
<section class="our_department section_padding">
  <div class="container">
    <div class="row justify-content-center text-center">
      <div class="col-xl-12">
        <div class="department_content">
          <div class="row justify-content-center">
            <div class="col-xl-8">
              <h2>Our
Department</h2>
              <div class="row">
                <div class="col-
lg-6 col-sm-6">
                  <div
class="single_our_department">
                    <span
class="our_department_icon"></span>
                  <h4>Better Future</h4>

```

```
<p>Darkness multiply rule Which from without life  
creature blessed
```

```
give
```

```
moveth moveth seas make day which divided our  
have.</p>
```

```
</div>
```

```
</div>
```

```
<div class="col-
```

```
lg-6 col-sm-6">
```

```
<div
```

```
class="single_our_deptment">
```

```
<span
```

```
class="our_deptment_icon"></span>
```

```
<h4>Better Future</h4>
```

```
<p>Darkness multiply rule Which from without life  
creature blessed
```

```
give
```

```
moveth moveth seas make day which divided our  
have.</p>
```

```
</div>
```

```
</div>
```

```
<div class="col-
```

```
lg-6 col-sm-6">
```

```
<div
class="single_our_depertment">
<span
class="our_depertment_icon"></span>
<h4>Better Future</h4>
<p>Darkness multiply rule Which from without life
creature blessed
give
moveth moveth seas make day which divided our
have.</p>
</div>
</div>
<div class="col-
lg-6 col-sm-6">
<div
class="single_our_depertment">
<span
class="our_depertment_icon"></span>
<h4>Better Future</h4>
```

```
<p>Darkness multiply rule Which from without life  
creature blessed
```

```
give  
moveth moveth seas make day which divided our  
have.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<!-- our departement part end-->
```

```
<!--::doctor_part start::-->
```

```
<section class="doctor_part section_padding">
```

```
<div class="container">
```

```
<div class="row justify-content-center">
```

```
<div class="col-xl-8">
```

```
<div class="section_tittle text-  
center">
```

```
<h2> Experienced Doctors</h2>
```

```
<p>Face replenish sea good
```

winged bearing years air divide wasHave night male
also</p>

</div>

</div>

</div>

<div class="row">

<div class="col-sm-6 col-lg-3">

<div class="single_blog_item">

<div class="single_blog_img">

<div class="social_icon">

<i class="ti-facebook"></i>

<i class="ti-twitter-alt"></i>

<i class="ti-instagram"></i>

<i class="ti-skype"></i>

</div>

</div>

<div class="single_text">

<div

class="single_blog_text">

<h3>DR Adam

```
Billiard</h3>
```

```
<p>Heart
```

```
specialist</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="col-sm-6 col-lg-3">
```

```
<div class="single_blog_item">
```

```
<div class="single_blog_img">
```

```

```

```
<div class="social_icon">
```

```
<ul>
```

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

```
<i class="ti-facebook"></i> </a></li>
```

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

```
<i class="ti-twitter-alt"></i> </a></li>
```

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

```
<i class="ti-instagram"></i> </a></li>
```

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

```
<i class="ti-skype"></i> </a></li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
<div class="single_text">
```

```
<div
```

```
class="single_blog_text">
```



```
                                <h3>DR Adam
Billiard</h3>
                                <p>Medicine
specialist</p>
                                </div>
                                </div>
                                </div>
                                </div>
                                <div class="col-sm-6 col-lg-3">
                                <div class="single_blog_item">
                                <div class="single_blog_img">
                                
                                <div class="social_icon">
                                <ul>
                                <li><a href="#">
<i class="ti-facebook"></i> </a></li>
                                <li><a href="#">
<i class="ti-twitter-alt"></i> </a></li>
                                <li><a href="#">
<i class="ti-instagram"></i> </a></li>
                                <li><a href="#">
<i class="ti-skype"></i> </a></li>
                                </ul>
                                </div>
                                </div>
                                <div class="single_text">
                                <div
```

```
class="single_blog_text">
    <h3>DR Fred
Macyard</h3>
    <p>CHear
specialist</p>
</div>
</div>
</div>
</div>
    <div class="col-sm-6 col-lg-3">
        <div class="single_blog_item">
            <div class="single_blog_img">
                
                <div class="social_icon">
                    <ul>
                        <li><a href="#">
<i class="ti-facebook"></i> </a></li>
                        <li><a href="#">
<i class="ti-twitter-alt"></i> </a></li>
                        <li><a href="#">
<i class="ti-instagram"></i> </a></li>
                        <li><a href="#">
<i class="ti-skype"></i> </a></li>
                    </ul>
                </div>
            </div>
            <div class="single_text">
```



```
<div class="form-  
group col-md-6">  
    <input  
type="email" class="form-control" id="inputEmail4"  
placeholder="Name">  
</div>  
<div class="form-  
group col-md-6">  
    <input  
type="password" class="form-control"  
id="inputPassword4"  
placeholder="Email address">  
</div>  
<div class="form-  
group col-md-6">  
    <select  
class="form-control" id="Select">  
        <option  
value="1" selected>Select service</option>  
        <option  
value="2">Name of service</option>  
        <option  
value="3">Name of service</option>  
        <option  
value="4">Name of service</option>  
        <option  
value="5">Name of service</option>
```

```
                                </select>
                                </div>
                                <div class="form-
group time_icon col-md-6">
                                <select
class="form-control" id="Select2">
                                <option
value="" selected>Time</option>
                                <option
value="1">8 AM TO 10AM</option>
                                <option
value="1">10 AM TO 12PM</option>
                                <option
value="1">12PM TO 2PM</option>
                                <option
value="1">2PM TO 4PM</option>
                                <option
value="1">4PM TO 6PM</option>
                                <option
value="1">6PM TO 8PM</option>
                                <option
value="1">4PM TO 10PM</option>
                                <option
value="1">10PM TO 12PM</option>
                                </select>
                                </div>
                                <div class="form-
group col-md-12">
```

```
<textarea
class="form-control" id="Textarea" rows="4"
placeholder="Your Note "></textarea>
</div>
</div>
<div class="regerv_btn">
<a href="#"
class="btn_2">Make an Appointment</a>
</div>
</form>
</div>
</div>
<div class="col-lg-5 col-md-6">
<div class="reservation_img">

</div>
</div>
</div>
</div>
</section>
<!--::regervation_part end::-->

<!-- footer part start-->
```

```
<footer class="footer-area">
  <div class="footer section_padding">
    <div class="container">
      <div class="row justify-content-
between">
        <div class="col-xl-2 col-md-4
col-sm-6 single-footer-widget">
          <a href="#"
class="footer_logo"> 
</a>
          <p>Lorem ipsum dolor sit
amet, consectetur adipiscing elit, sed do eiusmod
tempor </p>
          <div class="social_logo">
            <a href="#"><i class="ti-
facebook"></i></a>
            <a href="#"> <i
class="ti-twitter"></i> </a>
            <a href="#"><i class="ti-
instagram"></i></a>
            <a href="#"><i class="ti-
skype"></i></a>
          </div>
        </div>
      </div>
      <div class="col-xl-2 col-sm-6
col-md-4 single-footer-widget">
        <h4>Quick Links</h4>
        <ul>
```

```
                <li><a href="#">About
us</a></li>
                <li><a
href="#">Department</a></li>
                <li><a href="#"> Online
payment</a></li>
                <li><a
href="#">Careers</a></li>
                <li><a
href="#">Department</a></li>
            </ul>
        </div>
        <div class="col-xl-2 col-sm-6
col-md-4 single-footer-widget">
            <h4>Explore</h4>
            <ul>
                <li><a href="#">In the
community</a></li>
                <li><a href="#">IU health
foundation</a></li>
                <li><a href="#">Family
support </a></li>
                <li><a href="#">Business
solution</a></li>
                <li><a href="#">Community
clinic</a></li>
            </ul>
        </div>
```



```
<div class="col-xl-2 col-sm-6
col-md-6 single-footer-widget">
    <h4>Resources</h4>
    <ul>
        <li><a href="#">Lights
were season</a></li>
        <li><a href="#"> Their is
let wherein</a></li>
        <li><a href="#">which
given over</a></li>
        <li><a href="#">Without
given She</a></li>
        <li><a href="#">Isn two
signs think</a></li>
    </ul>
</div>
<div class="col-xl-3 col-sm-6
col-md-6 single-footer-widget">
    <h4>Newsletter</h4>
    <p>Seed good winged wherein
which night multiply
    midst does not
fruitful</p>
    <div class="form-wrap"
id="mc_embed_signup">
        <form target="_blank"
        action="https://spondonit.us12.list-
```

```
manage.com/subscribe/post?u=1462626880ade1ac87bd9c93a
&amp;id=92a4423d01"
```

```
method="get"
```

```
class="form-inline">
```

```
<input class="form-
control" name="EMAIL" placeholder="Your Email
Address"
```

```
onfocus="this.placeholder = ''"
```

```
onblur="this.placeholder = 'Your Email Address '"
```

```
required=""
```

```
type="email">
```

```
<button class="click-
btn btn btn-default text-uppercase"> <i class="ti-
angle-right"></i>
```

```
</button>
```

```
<div style="position:
absolute; left: -5000px;">
```

```
<input
name="b_36c4fd991d266f23781ded980_aefe40901a"
tabindex="-1" value=""
```

```
type="text">
```

```
</div>
```

```
<div
class="info"></div>
```

```
</form>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="copyright_part">
```

```
<div class="container">
```

```
<div class="row align-items-center">
```

```
<p class="footer-text m-0 col-lg-8 col-md-12"><!-- Link back to Colorlib can't be removed. Template is licensed under CC BY 3.0. -->
```

```
&copy;<script>document.write(new Date().getFullYear());</script><i class="ti-heart" aria-hidden="true"></i><a href="https://colorlib.com" target="_blank"></a>
```

```
<!-- Link back to Colorlib can't be removed. Template is licensed under CC BY 3.0. -->
```

```
</p>
```

```
<div class="col-lg-4 col-md-12 text-center text-lg-right footer-social">
```

```
<a href="#"><i class="ti-facebook"></i></a>
```

```
<a href="#"><i class="ti-twitter"></i></a>
```

```
<a href="#"><i class="ti-instagram"></i></a>
```

```
<a href="#"><i class="ti-skype"></i></a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</footer>
```

```
<!-- footer part end-->
```

```
<!-- jquery plugins here-->
```

```
<script src="js/jquery-1.12.1.min.js"></script>
```

```
<!-- popper js -->
```

```
<script src="js/popper.min.js"></script>
```

```
<!-- bootstrap js -->
```

```
<script src="js/bootstrap.min.js"></script>
```

```
<!-- owl carousel js -->
```

```
<script src="js/owl.carousel.min.js"></script>
```

```
<script src="js/jquery.nice-select.min.js"></script>
```

```
<!-- contact js -->
```

```
<script
```

```
src="js/jquery.ajaxchimp.min.js"></script>
```

```
<script src="js/jquery.form.js"></script>
```

```
<script src="js/jquery.validate.min.js"></script>
```

```
<script src="js/mail-script.js"></script>
```

```
<script src="js/contact.js"></script>
```

```
<!-- custom js -->
```

```
<script src="js/custom.js"></script>
```

```
</body>
```

```
</html>
```

REQUEST AND RESPONSE.HTML

```
<!DOCTYPE html>
```

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

```
  <head>
```

```
    <title>Request & CHATBOT</title>
```

```
    <script>
```

```
      window.watsonAssistantChatOptions = {
```

```
        integrationID: "3b214ae8-6eba-404e-85be-  
63772e4c2fef", // The ID of this integration.
```

```
        region: "eu-gb", // The region your integration  
is hosted in.
```

```
        serviceInstanceID: "3b4bf0dd-e329-4199-99b4-  
25f9ba1ee227", // The ID of your service instance.
```

```
        onLoad: function(instance) { instance.render(); }
```

```
      };
```

```
      setTimeout(function() {
```

```
        const t=document.createElement('script');
```

```
        t.src="https://web-
```

```
chat.global.assistant.watson.appdomain.cloud/versions
```

```
/" + (window.watsonAssistantChatOptions.clientVersion
```

```
|| 'latest') + "/WatsonAssistantChatEntry.js";
```

```
        document.head.appendChild(t);
```

```
      });
```

```
</script>
```

```
  <style>
```

```
body{
```

```
    background: rgb(255, 255, 255);
```

```
    background-image: url("img/02.jpeg");
```

```
    height: 553px;
```

```
    text-align: center;
```

```
    font-family: cursive;
```

```
}
```

```
h3{
```

```
    color: rgb(34, 239, 15);
```

```
    font-size: 40px;
```

```
}
```

```
input{
```

```
    border: 2px;
```

```
    border-style: groove;
```

```
    border-radius: 7px;
```

```
    padding-top: 8px;
```

```
    padding-left: 8px;
```

```
    padding-bottom: 8px;
```

```
    padding-right: 8px;
```

```
    border-color: rgb(0, 255, 251);
```

```
    height: 25px;
```

```
    width: 400px;
```

```
}
```

```
button{
```

```
    border: 2px;
```

```
    border-radius: 10px;
```

```

padding-top: 8px;
padding-left: 8px;
padding-bottom: 8px;
padding-right: 8px;
border-style: groove;
width: 90px;
opacity: 90%;
border-color: rgb(0, 247, 255);
cursor:pointer;
}

.right{
width:50%;
float: right;
}

.left{
width: 50%;
float: left;
}

</style>
</head>
<body>
<h3>PLASMA REQUEST FORM</h3>
<form method="post">
<div class="right">
<input type="text" name="blood_group"
placeholder="Blood Group" required /><br><br>

```

```
        <input type="number" name="aadhar"
placeholder="Aadhar" required /><br><br>
        <input type="text" name="state"
placeholder="State" required /><br><br>
        <input type="text" name="city"
placeholder="City" required /><br><br>
        <input type="password" name="password"
placeholder="Password" required /><br><br>
    </div>
    <div class="left">
        <input type="text" name="name"
placeholder="Name" required /><br><br>
        <input type="email" name="email"
placeholder="Email" required /><br><br>
        <input type="number" name="mobile"
placeholder="Mobile" required /><br><br>
        <input type="number" name="age"
placeholder="Age" required /><br><br>
        <input type="text" name="gender"
placeholder="Gender" required /><br><br>
    </div>
    <button type="submit">Apply</button>
</form>
<p style="color: rgb(27, 161, 27);">success</p>
<p style="color: rgb(214, 25, 25)">error</p>
<a href="/logout">Logout</a>
</body>
</html>>
```


13.2 GitHub Link

[GitHub - IBM-EPBL/IBM-Project-29354-1660124513: Plasma Donor Application](#)

Project Demo Link

<https://player.vimeo.com/video/772819351>