

Project Design Phase-I

Proposed Solution

Date	01 October 2022
Team ID	PNT2022TMID32045
Project Name	Project-Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	During COVID 19 crisis, the requirement of plasma became high and the donor count being low. Saving the donor information and helping the need by notifying the current donor would be a helping hand. It is very difficult find the respective blood group donor when anyone is in need.
2.	Idea / Solution description	<p>In regard to the problem faced, an application is to built which would take the donor detail store it and inform them upon a request. The main aim of this application is to connect the donor and user directly. The application comprises of two logins. They are</p> <ul style="list-style-type: none">• Admin• User <u>Admin:</u><ul style="list-style-type: none">○ Login: Admin can login into his account using id and password○ Active user: Admin can view all active users <u>User:</u>○ Register: User can register using personal details.○ Login: User can login into his account using email id and password.○ Request for plasma: User can raise request for plasma donation.

3.	Novelty / Uniqueness	<p>This plasma donor application acts as a common bridge between the donor and the user. This is because the one who wish to donate plasma can directly login and register in this application using their credentials. In case of any emergency situations, they can avail plasma through this application. The one who is need of plasma can avail either directly or through hospitals. As we all know that mobile phones become the major part of everyone's life, it is easy to use this application.</p>
4.	Social Impact / Customer Satisfaction	<p>We can save life who are in need of plasma. We can collaborate with government and it can utilize app to help people who are need of plasma. There are many applications for various needs but there is no proper application for donation of plasma. Compare to other needs, the most important necessity is the donation of plasma and blood. Donation of plasma can save one's life if it is available at the right time. But this is the major cause that the donor is not being available at the right time. Only few people are aware of the plasma donation. Through this application we can also create awareness among the people about the importance of donation of plasma. It also creates the easiest way to register for the donation of the plasma.</p>

5.	Business Model (Revenue Model)	This plasma donor application is accessible to everyone. Anyone with basic knowledge to use android phone can access this platform. This application is more common like other application. It is available in Play store as well as in Apple store. This application absolutely free of cost. With the help of Government we can create awareness among people.
6.	Scalability of the Solution	This application helps the user to find plasma instantly without any external sources. In case of emergency the user can find the donor in their nearby location immediately. The user can directly contact the donor through the details available in this app. Through this application there will be no delay in getting the plasma. Donating plasma at right time can save one's life.