

Project Design Phase-I

Proposed Solution

Date	19 OCTOBER 2022
Team ID	PNT2022TMID23692
Project Name	Plasma Donor Application
Maximum Marks	2 marks

Proposed Solution:-

S.No	Parameter	Description
1.	Problem Statement	People who need plasma are increasing day by day. People who have diseases like multiple myeloma (type of cancer) or plasmacytoma need constant supply of plasma to sustain their life and there is not enough plasma available for them. It is important for the people who are excited to donate, but yet are very busy, to be sure where and when they can donate, and therefore we are designing a system which saves the information of the registered donors and notifies about the current donors and help the users to track down the necessary information about the donors at the time of their need.

2.	Idea/Solution	The app which is going to be developed and implemented, ○ Provides space for the patients in
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		need of plasma to get the required amount of plasma units on request. The patient has to register in the app and place request at the time of their need. ○ It also acts as a platform for people who are interested in donating plasma. The donors can register themselves.
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3.	Novelty/Uniqueness	The uniqueness and working of this app is helpful in saving many lives. This app can be installed in mobile phones and register using their mail id or phone number. Patients in need of plasma and individuals willing to donate can make use of this app and get benefitted. It is accessible to everyone and anywhere.
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4.	Social Impact/Customer Satisfaction	Plasma donation being not so popular in the society as much as blood donation is. It is not that people do not want to and are not willing to donate blood and plasma, but because they have no idea where they can donate and also that people are not aware of the importance of blood and plasma donation. There is a need for spreading
		awareness among the people and the importance of plasma donation.
5.	Business Model	The app going to be developed is made available to all and accessible. This app helps reach people in search of plasma and people willing to donate can also use this app. The user interface is made simple so that everyone can use it without any hassle.
6.	Scability of the solution	This app enables plasma requiring people to get their plasma from anywhere. They will have to register and request at the time of need. According to the availability of donors, the receivers will be notified and the donors also will be notified about the request.