

Project Design Phase-I Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID02762
Project Name	Project – Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	There has been an increase in demand for blood plasma among hospitals and blood banks. Hence there is a requirement for new infrastructure to facilitate donors, blood banks and hospitals for easier donation and access of blood plasma that could potentially satisfy the excess demand for it to be used for treatment.
2.	Idea / Solution description	This proposed system aims at connecting the donors & the patients by an online application. By using this application, the users can either raise a request for plasma donation or requirements. The basic solution is to create a centralized system to keep a track on the upcoming as well as past Plasma Donation Events.
3.	Novelty / Uniqueness	A User Interface is simple for users to understand. We can use the application anywhere anytime. The user immediately needs the plasma for their treatment but the plasma is not available in nearby hospitals, then user can use this application to raise request and directly contact the donor, request them to donate the plasma. Today many of them have mobile phones they can install this application and use it to save the lives of people.
4.	Social Impact / Customer Satisfaction	Effect of donor motivation on donor satisfaction and loyalty are variable due to the influence of common donorship attitudes prevailing in donor population, impact of social marketing programs, focused on promotion of donor commitment and deliberate donorship. Thus, we have predicted that effect of donor motivation on donor relationship satisfaction and loyalty change.
5.	Business Model (Revenue Model)	This application is accessible by everyone. It is free. Because of the trouble in finding givers who match a specific blood bunch, this application empowers clients to enlist individuals who wish to give plasma and keep their data in a data set. Nowadays the need for plasma increases. Anyone with basic knowledge can access this app.

6.	Scalability of the Solution	<p>This application helps users to find plasma donors by sitting in home itself instead of searching donors everywhere. When there is a emergency then plasma request to send to everyone. Once the donor is ready to donate receiver is notified about donation. Receiver can contact the donor. With this app donor can know the eligibility to donate and making it easier to locate suitable donor at right time.</p>
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