

## Project Design Phase-I Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID20350
Project Name	Project - Plasma Donor application
Maximum Marks	2 Marks

### Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	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.
2.	Idea / Solution description	An application should be developed which would take the donor details, store them and notify them upon a request.
3.	Novelty / Uniqueness	A user friendly and responsive interface with a quick notification system which instantly notifies the donor upon receiving a request. When the recipient requests for plasma, if there is lack of plasma at the time of request, automatically the recipient will be added to the waiting list. Later when there is availability of plasma, the recipient will be notified by email.
4.	Social Impact / Customer Satisfaction	The application seamlessly connects the donor and the recipient. It will create an awareness among the people about donation of plasma which will be done in an easy way of connecting the donor and the recipient. And for sure the patient will be satisfied.
5.	Business Model (Revenue Model)	Revenue can be generated by selling ad space to health product advertisers and by donation based monetization.

6.	Scalability of the Solution	Since the app is going to be deploy in a cloud kubernetes cluster, it will continue to be efficient when large number of people uses it. There will be no down time. And it has the ability to increase or decrease IT resources as needed to meet changing demand
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