

**Project Design Phase-I**  
**Proposed Solution**

Date	19 September 2022
Team ID	PNT2022TMID26326
Project Name	Project – PLASMA DONOR APPLICATION
Maximum Marks	2 Marks

**Proposed Solution :**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	People who are in need of plasma are increasing day by day. Plasma is necessary to help our body to recover from injury, prevent infection, distribute nutrients and remove waste, while moving throughout our circular system. It is not that people don't want to donate blood, but they have no idea where to donate. We are designing a platform that contains all the information regarding Plasma donation.
2.	Idea / Solution description	Our application aims to serve a communication tool between plasma donors and organizers. To become a member of our system, donors need to create their profile by providing information such as name, email, password, phone number, blood group and exact location from "Google Map" which are integrated with our application. This application always keep updating the current location of the donor.
3.	Novelty / Uniqueness	This application automatically shows only eligible plasma donors (age criteria and previously donated donors) who are nearby. Also does request verification of the user.
4.	Social Impact / Customer Satisfaction	This Application will make a revolutionary changes to the medical system as people will be able to donate plasma and serve the mankind. It can also help the people to know about the benefits of plasma donation, so that their small contribution can help one person to save his/her life.
5.	Business Model (Revenue Model)	There are many private sectors and NGO's, who organize plasma donation camps. Even collaboration with companies like Biolife, and other pharmaceutical companies use plasma to make treatment for conditions such as immune deficiencies and bleeding disorder in order to increase revenue.
6.	Scalability of the Solution	This application has the ability to handle more donors and provide users with good user experience. It handles the traffic, responding accurately and reacting to the growing number of request.