

## Project Design Phase-I

### Proposed Solution

Date	13 October 2022
Team ID	PNT2022TMID29588
Project Name	Project –Plasma Donor Application
Maximum Marks	2 Marks

#### Proposed Solution:

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	This system proposed here 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 requirement. This system is used if anyone needs a Plasma Donor. This system comprises of Admin and User where both can request for Plasma. Both parties can Accept or Reject the request.
2.	Idea / Solution description	Web application is built to store donor details and provide to the patients on need. When a patient gives request it will search donor based on their blood group and nearby location and suggest to the patient. And it allows hospitals to find suitable donor.
3.	Novelty / Uniqueness	The User Interface is simple for users to understand. While searching for donor, the app will sort according to the location.Chat bot will allow users to ask queries and doubts, it will respond accordingly. Each and every user who is registered as donor will be verified.
4.	Social Impact / Customer Satisfaction	Effect of donor motivation on donor satisfaction and loyalty is 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)	Ad based model and some promotional notifications. Provides some additional services like health check-up, blood test, record management. Nowadays the need for plasma increases. Anyone with basic knowledge can access this app. This can be used anywhere anytime. Working with the government we can utilize an application to help those needing plasma.
6.	Scalability of the Solution	It is designed to respond quickly upon user's request. When there is a emergency then plasma request to send to everyone. With this app donor can know the eligibility to donate and making it easier to locate suitable donor at right time. It is a user-friendly application.