

## Project Design Phase-I

### Proposed Solution

Date	20 OCT 2022
Team ID	PNT2022TMID51943
Project Name	Project – PLASMA DONOR APPLICATION
Maximum Marks	2 Marks

#### **Proposed Solution :**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>Plasma is used for the treatment of many serious health problems.</p> <p>During the COVID 19 crisis, the Requirement of plasma become a high priority and the donor count has become low. In such situations it was very important to get the information about the plasma donors. Saving the contributor data and telling about the ongoing givers would be some assistance as it can save time and assist the clients with finding the vital data about the contributors.</p>
2.	Idea / Solution description	<p>Creating a web application, which stores the donors list in a database . And connecting the donors &amp; the patients by an online application. By using this application, the users can either raise a request for plasmadonation or requirements.</p> <ul style="list-style-type: none"><li>• This web application always keep updating the location of the donor.</li><li>• To become a member of our system, donors need to create their profile .</li><li>• If the user wants to donate or receive they have to register with their personal details.</li><li>• After successful registration of user A successful registration email is send to the user.</li><li>• After successful registration user, will be directed to home page.</li><li>• They will be asked to press whether they will be donor or receiver.</li><li>• If the user is donor then he/she will fill the donation interest form.</li><li>• If the user is receiver then he/she can see the list of donors available and they can raise their request and contact donor directly.</li></ul>
3.	Novelty / Uniqueness	<p>The Donors details are stored highly secured. A User Interface is simple for users to understand.</p> <p>Users can submit their comments if they have any difficulties during donation Process.</p>

4.	Social Impact / Customer Satisfaction	<p>Only the trusted donors are recommended. 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</p>
5.	Business Model (Revenue Model)	<p>There are many private sectors and NGOs, 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.</p>
6.	Scalability of the Solution	<p>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 requests. Chatbox facility is given. This application helps users to find plasma donors by sitting in home itself instead of searching donors everywhere</p>