

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID35176
Project Name	Project - Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	During the Covid 19 crisis, the requirement for plasma emerged high. People who require plasma don't know where to enquire. People who are willing to donate don't know the people in need. In regard to this problem faced, an application is to be built, which will connect the donor and the recipient.
2.	Idea / Solution description	<p>A Plasma Donor Application will answer our problem statement and sort most of our problems.</p> <ul style="list-style-type: none">• The donor's data will be collected and stored in the database.• The recipient who is in need can register for a requirement of plasma• Once registration is complete, an email will be sent to all donor of the same plasma type.• Statistics are displayed and updated often for different blood types.• It includes information on the locations of the events as well as specifics about plasma donation camps. <p>E-certificates are available.</p>
3.	Novelty / Uniqueness	Plasma donation available blood group data statistics are presented in an easy-to-use graphical format. If you're not sure if Plasma is available near you, you can request it. Users will soon receive an email notification if Plasma is less available or more widely available. If you have completed your plasma donor application and would like to donate your plasma, you can make an appointment. If you complete your session on time, you will receive an electronic certificate of your plasma donation. These are the novel components included.

4.	Social Impact / Customer Satisfaction	The customer gets the donor as quick as possible so that we can possibly save the lives of people.
5.	Business Model (Revenue Model)	There is a free application available for plasma donors. It is easily accessible and available to everyone. During the COVID 19 crisis, there was a large surge in the need for plasma, however there aren't many donors available. Finally, developing an app in collaboration with the government can help those in need of plasma. No revenue is generated because plasma donor application is considered as service for the society.
6.	Scalability of the Solution	In terms of scalability, this software helps users locate the closest blood donation facility, determine their eligibility to donate blood, receive notifications when an urgent blood donation call comes in, and schedule a convenient appointment. By ingeniously informing the appropriate donors of the need for blood donations, it will be simpler to find a nearby acceptable donor at the appropriate moment.