

Project Design Phase-I
Proposed Solution Template

Date	26 September 2022
Team ID	PNT2022TMID42213
Project Name	Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	People who need blood are increasing day by day. People who have diseases like anemia or people who have gotten into accidents and run out of blood need constant supply of blood to sustain their life and there is not enough blood available for them. It is not that people do not want to donate blood, but because they have no idea where they can donate. It is important for the people who are excited to donate, but yet are very busy, to be sure where and when they can donate, and therefore We are signing a system which contains all the information regarding blood donation camps ongoing in a particular area so that people who want to donate blood will get information regarding these camps.
2.	Idea / Solution description	The main objective of this project is to provide the recipient with a donor who is in good form with no health ailments to donate blood of the corresponding blood group. This project provides quick access to donors for an immediate requirement of blood. In case of an emergency/surgery, blood procurement is always a major problem which consumes a lot of time. This helps serve the major time-lapse in which a life can be saved!
3.	Novelty / Uniqueness	Plasma makes up 55% of your blood. Plasma is the liquid part of the blood carrying antibodies, clotting factors and proteins through the body. Plasma is often referred to as “the gift of life,” because it is used to treat medical emergencies such as trauma, shock and burns. The proteins in your plasma can also be extracted to create medications for rare chronic conditions such as autoimmune disorders and hemophilia. In most cases, plasma proteins cannot be manufactured synthetically, so proteins from your donated plasma are the only source for medical therapies for millions of people each year.

4.	Social Impact / Customer Satisfaction	Strengthen the publicizing of voluntary donation. Improve the service quality of donation station. Social marketing to improve the satisfaction of donors. Strengthen the recruitment and management of the donors. Focus on retention of regular donors.
5.	Business Model (Revenue Model)	Subscription Donation Advertising