

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID30529
Project Name	Plasma donor application
Maximum Marks	2 Marks

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 plasma need constant supply of plasma cells to sustain their life and there is not enough plasma available for them. It is not that people do not want to donate plasma, 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.
2.	Idea / Solution description	The mobile application system which aims to serve as a communication tool between Plasma Donation Organizations and plasma donors. To become a member of the system, donors need to create their profile by providing the information like name, blood group, email address, password, and exact location from "Google Map". In order to find out the exact location of a donor, Google Map is integrated with this application. The mobile application always keeps updating the location of a donor. As a result, the system can automatically keep showing the nearby Plasma donation Organizations to the registered donor wherever they go, and donors can easily get the idea of nearby plasma donation organizations. Also, users can get information regarding the type of blood which is available and information of past as well as future events.
3.	Novelty / Uniqueness	Optimizing and improving the accuracy of data visualization. Personalization and Service provided with deep analysis of data.
4.	Social Impact / Customer Satisfaction	Easy to reach the donors on time. Reducing death rates of the patients.

5.	Business Model (Revenue Model)	The Trauma, burn and shock patients, as well as people with severe liver disease will severely disrupt during the need of plasma donors.
6.	Scalability of the Solution	In coming decades, the recipient will get the donor easier and also those who are interested to donate plasma can able to identify where to donate the plasma when they decide to donate.