Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID01694
Project Name	Project - 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)	1. During the COVID 19 crisis, the requirement of plasma became a high priority and the donor count has become low. 2. Saving the donor information and helping the needy by notifying the current donors list has become an important issue. 3. We have to create an application that can connect the User and the Donor seamlessly.
2.	Idea / Solution description	1. The application we create will be able to connect the user and donor where the user can also become a donor if he wishes. 2. When the user requests a specific blood plasma all the suitable donors of the particular blood type are notified.
3.	Novelty / Uniqueness	1. Enabling Users to filter and chose the donor of their choice. 2. Connecting blood banks and blood camps to users giving them more
4.	Social Impact / Customer Satisfaction	1.User-friendly interface with an efficient, fast , and seamless connectivity between donor and acceptor. 2.Creates a Plasma donation community that has both contributors and end users that are equally profited and create a sense of safety and assurance when referring to their needs for immediate blood plasma requirement.
5.	Business Model (Revenue Model)	1. The application is free to use and it comes under healthcare domain. It helps people who want to donate plasma to the people who need it. 2. Data can be stored in IBM DB2 in cloud which reduces the overall cost incurred for developing the application.
6.	Scalability of the Solution	1.Global connectivity that creates a community all over the world ensuring all the emergency needs are acknowledged and are catered to at the required time. 2.Establish a reliability factor of each user that ensures the delivery of service based on the user rating.