

Project Design Phase-I

Proposed Solution

Date	21-OCT- 2022
Team ID	PNT2022TMID48288
Project Name	PLASMA DONOR APPLICATION
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Saving the donor information and helping the needy by notifying the current donors list has become an important issue. We have to create an application that can connect the User and the Donor seamlessly.
2.	Idea / Solution description	The application we create will be able to connect the user and donor where the user can also become a donor if he wishes. When the user requests a specific blood plasma all the suitable donors of the particular blood type and location are notified.
3.	Novelty / Uniqueness	Enabling Users to filter and chose the donor of their choice with respect to location, blood type etc... and Connecting blood banks and blood camps to users giving them more
4.	Social Impact / Customer Satisfaction	User-friendly interface with an efficient, fast, and seamless connectivity between donor and acceptor. 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 and saves life.
5.	Business Model (Revenue Model)	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. Data can be stored in IBM DB2 in cloud which reduces the overall cost incurred for developing the application. And we are not developing for revenue, we are doing this as social service.
6.	Scalability of the Solution	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. Establish a reliability factor of each user that ensures the delivery of service based on the user rating