Project Design Phase-I
Proposed Solution

Date	12 October 2022
Team ID	PNT2022TMID52198
Project Name	Plasma Donor Application
Maximum marks	2 marks

Proposed Solution:

S .No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To create an application for people who want to donate their plasma for the people who need it mostly in times of emergency.
2.	Idea / Solution description	The application will enable people to register themselves in the portal for donating their plasma and the recipients who need it can see their details so that they can get the plasma.
3.	Novelty / Uniqueness	When the user requests for plasma transmission, if there is lack of plasma at the time of request, automatically user will be marked in hold back list. Later when there is availability of plasma, the receiver waiting in hold back list will be alerted via calling system.
4.	Social Impact / Customer Satisfaction	The application is user friendly and anyone with basic knowledge can access it. The application seamlessly connects the donorand the person who need it and also hospitals who have availability of the plasma.
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.
6.	Scalability of the Solution	Since the app is going to store its data in cloud, it will continue to be efficient when large number of people uses it. Also when the number of requests for plasma increases, the call notification system will work fine without any disruption