Project Design Phase-I

Proposed solution

Date	08.11.2022
Team ID	PNT2022TMID13363
Project Name	Plasma donor application
Maximum Marks	2 Marks

Proposed solution:

Proposed Solution means the technical solution to be provided by the Implementation agency in response to the requirements and the objectives of the Project. Proposed Solution means the Proposed System with modifications that meet the Agency's requirements as set forth in this RFP.

S.No	Parameter	Description
1.	Problem Statement (Problem to besolved)	To create an application for people whowantto donatetheir plasma for the peoplewho need it mostly in times of emergency.
2.	Idea/ Solution description	The application will enable people to registerthemselves in theportal for donating their plasma and the recipients who need it can seetheir details so that theycan 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 willbe marked in hold back list. Later when there is availability of plasma, thereceiver waiting in hold backlist will be alerted viacalling system.
4.	Social Impact / Customer Satisfaction	The application is user friendly and anyone withbasic knowledge can access it. The application seamlessly connects the donorand the person who need it and also hospitals who haveavailability 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 needit. Data can be stored in IBM DB2 in cloudwhich reduces the overall cost incurred fordevelopingthe application.
6.	Scalability of the Solution	Since the app is going to store its data in cloud, it will continue to be efficient whenlarge number of people uses it.