

Project Design Phase-I

Proposed Solution

Date	24 September 2022
Team ID	PNT2022TMID04791
Project Name	Project – Plasma donor application
Maximum Marks	2 Marks

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	To find the nearest available potential plasma donor and to maintain optimal level of blood bank reserves and a connecting platform for blood donors and blood banks.
2.	Idea / Solution description	The proposed system implements a cloud based web application as a solution to this problem. Utilizing a registration form filling framework, the donors' information is retrieved. When an administrator wants a blood donor, he retrieves the data from the cloud and sends an inquiry based on the donor's location. If the donor grants his request, he will send the administrator an acknowledgment.
3.	Novelty / Uniqueness	Display the information about blood plasma and eligibility of a donor to donate blood plasma. The donor and recipient can communicate by sending emails.
4.	Social Impact / Customer Satisfaction	The software is very user friendly. Different types of users including requester, donor and administrator.
5.	Business Model (Revenue Model)	Anywhere in the world, this application can be connected to blood donation centers and blood banks. Social media marketing can be used to spread information about the application.
6.	Scalability of the Solution	As this is a web application and uses cloud storage, any future technological developments may be included into this application.