

Project Design Phase-I
Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID34869
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)	During the COVID 19 crisis,the requirement of plasma became a high priority and the donor count has become low. Saving the donor information and helping the needy by notifying the current donors list, would be a helping hand. In regard to the problem faced,an application is to be built which would take the donor details,store them and inform them upon a request.
2.	Idea / Solution description	The proposed system implements a cloud based web application as a solution to this problem. The details of the donors are fetched using a form filling structure and later embedded with the cloud storage. The receiver of the plasma has to make a request for a particular plasma in the application itself. The applicable donor and receiver are connected anonymously and the plasma is donated. The donor and receiver are connected through a unique id which keeps the identity of both donor and receiver ,hidden.
3.	Novelty / Uniqueness	The donor and receiver's information are hidden from each other providing unique Id for each user.
4.	Social Impact / Customer Satisfaction	Plasma donation can be facilitated easily through this application and hence reducing the death rates due to non availability of plasma.
5.	Business Model (Revenue Model)	The application can be linked with government hospitals and could be used in blood donation camps everywhere.
6.	Scalability of the Solution	As this is an web application and uses cloud storage ,any further enhancements in technology can be incorporated within this application.