

# Project Design Phase - I

## Proposed Solution

Date	19 September 2022
Team ID	
Project Name	Plasma Donor Application
Maximum Marks	2 Marks

### Proposed Solution Template :

S.no	Parameter	Description
1.	Problem Statement (Problem to be solved)	During the COVID-19 crisis, the requirement of Solved! plasma became high and the do low. Saving the donor information and helping the need by notifying the current donors would be a helping hand. It is very difficult to find the respective blood group donors when anyone is in need. Hence there is a need to overcome this problem by notifying at particular time whenever the plasma requirements goes high.
2.	Idea / Solution Description	The idea is to detect the plasma data synchronously to notify when there is high requirement of plasma level and by searching the proposed database filter the suitable recipients who are ready to donate.The application will link all donors, control a plasma transfusion service and create a Database to hold data on stocks of plasma in each area. By using this application, the users can either raise a request for plasma donation or requirement.
3.	Novelty / Uniqueness	User friendly UI to access the application by all the people. The app will automatically scan the database for available users registered as donor to find the suitable match. If a user doesn't have matching plasma based on their type, they can send a request for it. If a successful match is found then plasma donation will establish. Else the request stay in the database until the suitable donor found in future.
4.	Social Impact / Customer Satisfication	This application acts as a link between plasma donors and required recipients thereby acting as a bridge between both and hence whenever the need arises it provides with the apt data to resolve

		the issue during the pandemic conditions.
<b>5.</b>	Business Model / Revenue Model	This app is developed completely based on service basis . Hence stakeholders can be included. This application will be for non profit organisations.
<b>6.</b>	Scalability of solution	Business Model / Revenue Model