

Ideation Phase

Define the Problem Statements

Team ID	PNT2022TMID21590
Project Name	Plasma Donor Application

Customer Problem Statement:

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. Regarding the problem faced, an application is to be built which would take the donor details, store them, and inform them upon a request.

A plasma is a liquid portion of the blood, over 55% of human blood is plasma. Plasma is used to treat various infectious diseases and it is one of the oldest methods known as plasma therapy. Plasma therapy is a process where blood is donated by recovered patients to establish antibodies that fights the infection. For instance, during COVID 19 crisis the requirement for plasma increased drastically as there were no vaccination found to treat the infected patients, with plasma therapy the recovery rates were high but the donor count was extremely low and, in such situations, it was important to get the information about the plasma donors. Saving the donor information and notifying about the current donors would be a helping hand as it can save time and help the users to track down the necessary information about the donors.

