

## PLASMA DONOR APPLICATION

### 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. 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.

Lydia is thirty-five years old. She was affected by COVID-19 and had been admitted in the hospital. Due to COVID, her immunity power became low. She immediately wants a plasma donor. Here, she checks the availability of the plasma donor through our plasma donor application. She checks for the matching criteria of the donor through our application and also verifies whether the donor is within the range(location). Then after finding a perfect donor, he/she donates the plasma. Thus our application is useful for a COVID patient to improve the immunity and blood circulation.

S.No	Questions	Description
1.	Who does the problem affect?	Covid patients. Cancer patients. Other infectious diseased patients.
2.	What are the boundaries of the problem?	Hospitals. Patients. Blood banks. Voluntary camps.
3.	What is the issue?	Difficulty in finding the plasma donors for the needed recipient. Rare blood group donor is highly unavailable.
4.	When does the issue occur?	Blood group mismatch happens. No willing donors available.
5.	Where is the issue occurring?	Occurs in hospitals. Happens in blood banks.
6.	Why is it important that we fix the problem?	It is important to save millions of lives. To ease the transfer of organs.