

PLASMA DONOR APPLICATION

LIST OF PROBLEM STATEMENTS

PROBLEM STATEMENT 1:

During COVID 19 crisis the requirement for plasma increased drastically as there were no vaccinations found in order to treat the infected patients. In such a situation it was very difficult to find the plasma donor, check whether the donor was infected previously and was recovered, and which donor is eligible to donate plasma was a challenging task. As the plasma therapy was one of the ways to treat the infected patients, getting the donor details played a major role.

Who does the problem affect?	Every citizen who wants to live disease-free.
What are the boundaries of the problem?	Boundaries can be set around every individual who wants to keep their health profile balanced.
What is the issue?	Requirement for plasma is high and trusting the donor is a Challenge.
When does the issue occur?	When the donor is fake and when the vaccination camp is not laid by the government well.
Where is the issue occurring?	With the application being less secure that every other individual can get in without any authentication.

Why is it important that we fix the problem?	To ensure individuals are getting information regarding plasma that they can trust blindly without second thought,our Application helps in authentication of the donor.
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PROBLEM STATEMENT 2:

People living in different regions find it difficult to get plasma from the potential donors within a stipulated time. So, after getting the details of all the available donors, we have to find the donors who live in close proximity to the person who requires the plasma.

Who does the problem affect?	People who require plasma within a short duration of time.
What are the boundaries of the problem?	Boundaries can be set around people who need plasma.
What is the issue?	To find donors who live nearby to save time and resources.
When does the issue occur?	When the people who need plasma live in a remote region, the donor will not be able to reach out to them.

Where is the issue occurring?	Occurs when there is no proper information about the location of the donors.
Why is it important that we fix the problem?	To make it easier for the donors to reach the people who need plasma.