

PROBLEM STATEMENT

DOMAIN: Cloud Application Development

PROJECT: Plasma Donor Application

Who does the problem affect?

People who are affected by COVID and are in need of a Plasma Donor.

What is the issue?

When a patient needs plasma, he/she has to contact a compatible donor on their circle, family and friends but it is difficult to find suitable donor within a limited group of people in a given time.

What is the impact of the issue?

During the COVID 19 crisis, the requirement of plasma became high and the donor count being low. It is very difficult to find the respective blood group donors when someone is in need.

What would happen if we didn't solve the problem?

The gap between the Donor and Recipient would widen. People who are eager to donate plasma cannot find the right recipient. Currently, people in need of Plasma post Pleas on Social Media to attract potential donors. But Plea's on social media take longer to reach a wider audience. As a result recipients are unable to find donors within the required time.

What would happen when it is fixed?

The application makes it feasible for the COVID-19 patients to get a plasma donor easily and makes it possible to find a plasma donor without much difficulty.

Why is it important that we fix the problem?

In severe cases if the recipient is unable to find a donor, then his/her condition could worsen and may potentially result in death.

