

IDEATION PHASE

PROBLEM STATEMENT

Domain Name	Cloud Application Development
Project Name	Plasma Donor Application
Team ID	PNT2022TMID02973
Date	10 September 2022
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Who does the problem affect?

Patients with severe liver disorders and numerous clotting deficiencies are given plasma.

What is the issue?

When a patient needs plasma, it can be challenging to get in contact with a donor within the patient's family and friends in a timely manner. It can also be challenging to get in contact with authorized donor centers.

What is the impact of the issue?

Due to a lack of awareness regarding plasma donation, there is a demand for plasma donors, making it challenging for the affected

patients to locate donors. During the COVID-19 pandemic, the need for plasma increased and the donor rates decreased in order to provide an immunity boost for COVID-affected patients.

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

It takes a long time for a patient to discover the proper donor, and it also takes time for the spreading about the need for plasma donors to disseminate on social media to a larger audience. As a result, patients cannot locate the right donor within a given time frame.

What would happen when it is fixed?

Our application enables patients with severe liver illnesses, blood clotting issues, and covid to quickly and easily locate the correct donor within the allotted period.

Why is it important that we fix the problem?

The condition of the affected patient may suffer and perhaps result in death, if the appropriate plasma donor cannot be found within a certain amount of time.