

IDEATION PHASE

PROBLEM STATEMENT

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Although the government is carrying out COVID vaccination campaigns on a large scale, the number of vaccines produced is not enough for all the population to get vaccinated at present. And with the corona positive cases rising every day, saving lives has become the prime matter of concern. As per the data provided by WHO more than 3 million people have died due to the Corona Virus. However, apart from vaccination, there is another scientific method by which a COVID infected person can be treated and the death risk can be reduced. This plasma therapy is an experimental approach to treat corona-positive patients and help them recover. This plasma therapy is considered to be safe & promising. A person who has recovered from COVID can donate his/her plasma to a person who is infected with the Corona virus. This system proposed here aims at connecting the donors & the patients by an online application. By using this application, the users can either raise a request for plasma donation or requirement.

Who does the problem affect?	<ul style="list-style-type: none">● Patients with immune deficiencies, bleeding disorders and devastating autoimmune diseases.
What are the boundaries of the problem?	<ul style="list-style-type: none">● A better way to connect donors and patients.
What is the issue?	<ul style="list-style-type: none">● Lack of plasma leads to severe malabsorption of nutrients and malnutrition.● Leads to kidney, liver and bowel problems.
When does the issue occur?	<ul style="list-style-type: none">● Patients lack plasma when they are in trauma and shock.● Patients with multiple clotting deficiencies.

Why is it important that we fix the problem?	<ul style="list-style-type: none"> ● We can save thousands of people in need. ● We can boost the patient's blood volume. ● Helps with blood clotting.
What solution to solve this issue?	<ul style="list-style-type: none"> ● The user can interact with the application. ● Registers by giving the details as a donor. ● The database will have all the details and if a user posts a request then the concerned blood group donors will get notified about it.
What methodology used to solve the issue?	<ul style="list-style-type: none"> ● Cloud Technology and Plasma Donor Application.

