

PLASMA DONOR APPLICATION

PROBLEM STATEMENTS:

Plasma is routinely administered to patients suffering from trauma, burns, or shock, as well as those suffering from severe liver disease or multiple clotting factor deficits. It increases the patient's blood volume, which helps avoid shock and aids in blood clotting.

As the number of persons infected with COVID-19 has increased, so has the need for plasma from recovered patients. Antibodies, which are naturally present in our bodies, can aid in fighting illness and emerging triumphant.

➤ Why plasma Donor application?

Plasma donation saves lives, and donors' and blood/plasma facilities' communication is key to this. Smart applications are increasingly viewed as a crucial communication tool, and if they are created with the users' requirements and preferences in mind, plasma donation might make the greatest use of them.

✓ Our Plan:

We intend to provide a user-friendly application for users who require plasma or wish to donate plasma to anyone in need.

However, issues like as privacy and confidentiality should be considered throughout design and development. Age was discovered as a factor that may reduce the chance of app utilisation among donors. The donation centre personnel stressed the app's instructional capabilities and the value of the app giving data as well as sending messages and reminders to donors.

ABSTRACT:

This system is used if anyone needs a Plasma Donor. This system comprises of Admin and User where both can request for a Plasma.

- A user who is an active member of the app and who has recovered from any ailment or disease is referred to under this system as an active user.
- Each party has the option to accept or reject the request.
- To donate plasma, a person must first register in our application by entering the necessary details, such as name, age, blood type, phone number, and location.
- Patients who require plasma can fill out the form as well. Patients can call donors directly by getting their contact information from the application.
- Utilizing the network of their phone, the user may also do a search depending on where they now reside in order to connect with others who have a need for plasma.