

PLASMA DONOR APPLICATION

PROBLEM STATEMENTS:

Patients with severe liver disease or numerous clotting factor deficits, as well as those who have undergone trauma, burns, or shock, frequently get plasma. It aids in blood coagulation and increases the patient's blood volume, which can assist avoid shock.

The demand for the plasma of recovered patients has increased dramatically along with the number of persons who have been infected with COVID-19. The antibodies that are already in our systems can aid someone in overcoming the infection.

➤ Why plasma Donor application?

Plasma donation saves lives, and communication between blood/plasma facilities and donors is critical. Smart applications are currently seen as a significant communication tool, and they might be most effective in plasma donation if they are tailored to the needs and interests of the users.

✓ Our Plan:

For users who require plasma or want to donate plasma to anybody in need, we want to provide a user-friendly application.

However, throughout design and development, areas of concern including privacy and secrecy should be taken into account. Age was found to be a significant factor that could reduce donors' propensity to use apps. The employees of the donation centre concentrated on the app's instructional elements and stressed the value of its data, notifications, 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.

- In this approach, an active user is someone who is a member of the app and has recovered from any ailment or disease.
- Both parties have the option to accept or reject the request.
- The individual who want to give plasma must first register in our application, providing necessary information such as name, age, blood type, phone number, and location, among other things.
- Patients who require plasma can also fill out the form. Patients can phone the donor directly by using the contact information provided in the application.
- Users may also search by location, using their phone's network, to identify and connect with individuals who have plasma needs.