

PLASMA DONOR APPLICATION

PROBLEM STATEMENT:

During the COVID 19 crisis, the requirement of plasma became a high priority and the donor count has become low. Saving the donor information and helping the needy by notifying the current donors list, would be a helping hand. In regard to the problem faced, an application is to be built which would take the donor details, store them and inform them upon a request.

Who does the problem affect?	The problem focuses on the person who are in need of blood plasma and who are ready to donate blood or blood plasma
What is the issue?	<p>During the Covid-19 pandemic Blood Plasma became very important for the patient's survival</p> <p>The patients are ready to donate but there is lack of efficient system that manages the blood plasma donation and distribution.</p> <p>Also the plasma is available for the patient in need when required from the blood bank</p> <p>Also notify the patients incase the plasma is not available for a specifiv blood type at a given time.</p>

SOLUTION:

Design a web application that consists of two types of users namely

- End User(Both Donor and Acceptor)
- Blood Bank

End User

- Can Login and SignUp into the Application
- Can Donate Blood plasma for a specific blood type.
- Can search for the blood banks and the availability of blood plasma and the respective blood type.
- Can place order for Blood Plasma for a specific blood type.
- Will be notified through E-mail if the particular type of plasma becomes available

Blood Bank

- Can Login into the Application
- Can view the list Plasma donation details for a specific date.
- Can Add/update the Blood type details in that particular blood Bank
- Upon updation, Email notification is sent to the user who had requested to be notified once the plasma of blood type becomes available.
- Can view the list of Plasma order to be collected from the blood bank.