

PLASMA DONOR APPLICATION

Problem Statement :

- The Plasma Donor Application is an android app which runs on all android platforms .
- This system is used if anyone needs a Plasma Donor. 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.
- The user interacts 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.
- 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.
- **“ Be the reason for someone's heartbeat.”**

Benefits of Using Plasma Donor Application :

➤ User Friendly Application :

It is a user-friendly application. It will help people to find plasma easily.

➤ Saves the lives of people :

Donating plasma helps save and improve the lives of thousands of people around the world. Your donation helps patients who need plasma-derived biotherapies to improve or save their lives.

➤ Communication between the donor and the patient :

It is trying to bridge the gap between plasma donors and the patients who need help. The user interacts 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.

➤ Saves time :

By using this application the process of getting information about plasma donor takes only very less time when comparing to be done manually. So it is time efficient.

➤ Emergency Blood Shortage Alerts :

Save lives in your area. Geo-targeted blood alerts let donors know if their blood type is needed within their area.