PLASMA DONOR APPLICATION USING CLOUD APPLICATION DEVELOPMENT

AIM

To develop a plasma donor application using cloud application development to help people to find plasma easily during COVID 19 crisis.

PROBLEM STATEMENT

This system 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. Similar to blood donors there also exist the plasma donors where exists problems like in case of emergency needs the most important lives saver necessity is plasma , Plasma Banks are the main providers of plasma who receives blood from various donors, monitors the plasma groups database of emergencies makes the available to the hospital whenever needed. The major problem faced by the main plasma providers and the need is the availability of donor at right time. We hereby took a step forward to build a system to create a network of people who can help each other in need. We propose an application where the plasma banks can timely update the plasma Stock availability and donor and register themselves to donor and user can find plasma availability nearby him/her. The urgent time of a plasma requirement, user can quickly check for plasma banks, hospitals or donor as per requirement matching a particular or related and reach out to them through the App.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.