PLASMA DONOR APPLICATION USING CLOUD APPLICATION DEVELOPMENT

AIM :

To develop a plasma donor application using cloud application development to help people and slightly has more specific purposes than a general blood donation.

PROBLEM STATEMENT :

People who are affected by COVID are in need of a Plasma Donor. This system aims at connecting the donors and the patients by an online application. By using this application, the users can either raise a request for plasma donation. In case of emergency for a patient, he or she has to contact a compatible donor on their circle, family and friends but it is difficult to find suitable donor. During the COVID-19 crisis, the requirement of plasma became high and the donor count being low. It is very difficult to find the respective blood group donors when someone is in need. 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 (PSA) and register themselves to donor and user can find Plasma Availability nearby him/her. The high – priority 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 website. There is also a steady increase in blood donation requests as being noticed in the number of posts on these sites such as Facebook and Twitter seeking blood donors.