

Plasma Donor Application

Problem statement :

It is an experimental online plasma donor management system. Donating plasma is a voluntary act that saves many lives. Donating plasma is similar to donating blood. A plasma therapy approach that helps many donors and recipients to recover from the issue. It is a safe and promising approach to connecting through an online application. By using this mobile application they can easily approach the donor. This system is used if anyone is in need of plasma. In the present scenario, it is having a lot of manual work through our application it is time-consuming. The system comprises of admin and user where both can request a plasma. The person who is active in this app is called an active member of the app. An individual user will enroll his/her details such as name, phone number, age, weight, date of birth, blood group, address, etc. He/She can share the need of a respective plasma donor so that it is easy to find the user. Both users can accept or reject the request. The donor must be healthy and he/she should haven't donated in the last 28 days. Once they have donated their details will be removed for the next 28 days 13 times in a year. They can donate The donor details will be stored in cloud applications. At the time of emergency, we can check for the blood donor using GPS. The number of plasma donors available in India is less than compared in other countries. Once the person needed for the blood they enter the blood group in an app, The alert message will be sent to the nearby donor. It will search for all the donors, if the donor accepts the request the OTP will be sent to verify the donor. This app creates a communication channel through authenticated users whenever a patient needs a blood donation.