

PROBLEM STATEMENTS

Date	23 September 2022
Team Leader Name	SiyamalaaSelvi S
Project Name	Plasma Donar Application

- A donor who wants to donate plasma can simply upload their recovered covid19 certificate and can donate the plasma to a blood bank. The blood bank after checking the donor certificate can make a request to the donor when the donor accepts the request, they can add the required number of units they need.
- Aims to create a plasma donation System based on cutting-edge information technologies such as cloud computing. In addition, utilizing social media and smartphone applications worldwide is helping to make the blood donation process more suitable, offer further services, and develop blood donation centers.
- To develop an integrated framework for all relevant and isolated online subsystems for the blood management system by using the cloud services.
- To create a central repository of information about various blood groups and its available donors along with their details, hosted on a cloud server.
- To propose a real-time system on a cloud, to managing blood units within the whole health care system. This system will allocate blood units depends on the deadline and the severity of the case that needs blood .
- To launch an online interaction medium for the blood donation management and aims to help the people who needs blood in emergency and to associate some donors who are willing to donate their blood to needy people and save their lives.