

# PROBLEM STATEMENT

Team ID	PNT2022TMID05875
Project Title	Plasma Donor Application

## BACKGROUND

Plasma donation saves lives, and the communication between blood/plasma centers and donors plays a vital role in this. Smart apps are now considered an important communication tool, and could be best utilized in plasma donation if they are designed to fit the users' needs and preferences

## OUR POINT OF VIEW

We plan to make a User-friendly application for users who are in need for plasma or who wish to donate plasma to anyone who are in need. However, areas of concern, including privacy and confidentiality, should be considered during design and development. Age was identified as a contributing factor that might decrease the likelihood of app usage among donors. The donation center staff focused on the educational features of the app and emphasized the importance of the app providing statistics and sending notifications and reminders to donors.

## SYSTEM DESCRIPTION

The system comprises of 2 major modules with their sub-modules as follows:

### 1. Admin

- **Login:** Admin can login into his account using id and password.
- **Active User:** Admin can view all active users.
- **Plasma Request:** Admin can raise request for plasma donation to an Active User.
- **User Request:** Admin can accept or reject donor requests on basis of user report.

### 2. User

- **Register:** User can register using personal details.
- **Login:** User can login into his account using email id and password.
- **Request for Plasma:** User can raise request for plasma donation.
- **Emergency Request:** User can raise request for plasma in emergencies.