

PROJECT DESIGN PHASE II

FUNCTIONAL REQUIREMENTS

Date	13 October 2022
Team ID	PNT2022TMID40448
Project Name	Plasma Donor Application.

Project description:

This project is aimed at developing a desktop-based application named Plasma Donor Application for estimates blood group. The Plasma donor Application refers to the system and processes to help the user to analyze the blood group. . This system can be used to store the detail of the user. This project is categorizing individual health condition of the user. A good Plasma Donor Application will alert the users when they need the plasma. This project aims at building a web App that automatically estimates medical emergency such as plasma and organ by classifying the input of user.

Scope:

- ☐ BLOOD BANK MANAGEMENT SYSTEM: The scope clearly defines the boundaries of the proposed system. The functions areas of this application that line under the scope of the proposed system that lies under the scope of the proposed system are the management of the available of donor.
- ☐ The aim of developed blood donation management system is to create an efficient system for the donor where they can get ideas about ongoing blood donation camp timing and also getting ideas.
- ☐ The main purpose of the blood donation system project is to interconnect the donors into single network with receptor.
- ☐ This will provide convenience to persons/users who wants to learn about plasma and other related health topics by just using the plasma donor Application.

Purpose:

The plasma donation ensure these individual can receive a plasma transfusion to supplement their body clotting ability and stop excessive bleeding from occurring. The system proposed here aim at connecting the donor and the patients by an online application. By using this application the user can either raise a request for plasma donation or requirement.

This system is used if anyone need a plasma donor. This system comprises of admin and user where both can request for plasma . In this system there is something called an active user, which means the user is active member of the app and recovered from Covid-19.

This plasma therapy is an experimental approach to treat corona positive patient and help them recover. This plasma therapy is considered to be safe and promising. A person who has recovered from Covid 19 can donate his or her plasma to a person who is infected with coronavirus.

IDENTIFIER	REQUIREMENTS
1. Add health information	This application will allow to add health related information of the user.
2. Delete health information	This application will allow to delete the unwanted details about their health.
3. Categories of blood	The categories of blood.
4. View of Dashboard	Application will allow user to view the dashboard containing blood details.
5. Mail Notification	This application will allow to send mail notification to user when there are any issues regarding their health
6. Tracking System	The health can be tracked with this application.
7. Graph analysis	This application will demonstrate health condition by means of plasma content
8. Passcode	This application has the option to set a passcode to keep their medical reports safe.
9. Add multiple accounts	This application has the option of creating multiple accounts for the users.
10. Selection of health report duration	This application has the ability to select the duration for displaying the health report as weekly or monthly.
11. Update account	This application will allow the user to update their profile.
12. Add account	This application will allow the user to add their profile.

