Ideation Phase
Brainstrom & Idea Prioritization Template

DATE	19 SEPTEMBER 2022
TEAM ID	PNT2022TMID17680
PROJEECT NAME	PLASMA DONOR APPLICATION
MAXIMUM MARKS	4 MARKS

1 PROBLEM STATEMENT

This system proposed here aims at connecting the donors & the patients by an online application.

2 BRAINSTROM

PRADEEP RAGUL S

- Seperate database for different blood groups
- No need for physical work.
- Organizing various activities to promote the application's interest among the people
- Informations are secured (D/R)

SAURAV C

- Notifng the donor information to receiver.
- Information about the receiver are stored.
- Feedback and Rating
- Chatbot interaction

SHIV SHASTHA P

- Notifng the donor information to receiver.
- Animated User Interface
- Storing the information about donor.
- Enhanced user innterface

THINAHARISH M

- Donor Interaction
- Checking the availability of plasma
- Indicating nearest geolocation of dono
- Multiuser usability

3 GROUP IDEAS

APP INTERFACE

- Chatbot service can be included to clear doubts about plasma donation.
- Using hospital/clinic organization to improve the service
- If the blood group is suitable with the requesed blood type ,then the notifcation are send
- Verifcations are to be made at registration stage inorder to make the donation

FEATURES

- Features like history of the donations made,fnding donor's location using GPS
- Rapid contacting features can be added when there is a immediate need of plasma.
- By using location detecting features,one can able to fnd accurate location of the donor.
- Organizing various activities to promote the application's interest among the people.

REGISTRATION STAGES

- Details such as gender, D.O.B, age,contact details are collected and stored in database.
- The user during the initial stage of registration should given whether it is his/her frst time at donating or already donated person.
- Only donors from the age of 18 having a weight of 50kg can register in the application.
- Blood group description from both the parties(Donor & collector) is collected.

SAFETY MEASURES

- Plasma of the body are to be examined by a medical expert before the donation
- To ensure and verify whether the donor is free from any other cautionary diseases.
- If there is any misinformation and proved that he/she had any other diseases,immediate action of removing his/her profle are to made.
- The exact date of the plasma extraction must be mentioned on his profle.

4 PRIORITIZE

importance / Feasibility

- A secure app for storing details
- Contact between donor and receiver
- Sending SMS or email for successful donation
- Create an extraordinary UI
- Report if any issues occurs
- Donor Eligibility
- Gathering donor's details
- Step by step procedure guide
- Details verifcation before enrollment for donation
- Review system for blood bank & Hospital
- Integration with social medias
- Displaying type of plasma