Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID49791
Project Name	PLASMA DONOR APPLICATION
Maximum Marks	

PROBLEM
How might we manage to create an application for plasma donation?

BRAIN STORM

MUTHUVEL

Notification for the plasma requests are send only if donor blood group is compatible with the requested blood type and in the same city region. Then matching plasma donors can go to the respected clinic and donate.

Creating interest by stimulating people's minds with some stimulating agents like rewards. For example Snapchat provides streaks if we send a pic to a person, google pay provides energy points for each purchase. Likewise we can provide beneficiable rewards to create interest among people to donate plasma.

Virtual assistant software can be included to clarify people's doubts regarding plasma donation.

Using a clinic management service.

MATHESH

Providing a profile for the donor who donates for the first time and the people who donates at regular time.

If not removing his/her profile and make it as non valid profile for safety purposes.

To ensure whether the donor is free from side effects and is able to donate plasma again.

In the profile of the donor, it should be also mentioned when the plasma is extracted from the body.

FAISAL ASLAM

All donors from the age of 18 weighing 49kg can register themselves in the app and create a profile.

Options like emergency or Normal can be opted by the receiver. In cases of emergency the donors are alerted through automatic calls from the app.

This app provides donors with functionalities like request feed, donation history, invite friend and options like book an appointment, find donor location for the patient i.e., receiver.

The receiver is able to find the precise location and contact details of the donor.

SURESH KUMAR

The plasma donor's age, gender, location and other important details are collected in his profile.

Donor verification (whether he is capable to provide plasma from his blood) verification from any doctor.

The blood group details of both the donor and the recipient is to be collected before donation to ensure the right choice during donation.

The plasma rates in the body are to be examined by a doctor before the donation. The doctor verifies it and clearances are made in the app, only then the donation will be successful.

MATHESH (T.L)

Through verification process is carried on before registration to avoid fake registrations.

The app interface is available also in regional languages.

User friendly interface and voice assistant functions to assist the unread people also.

Videos regarding awareness of plasma donation and clarification for doubts regarding donation are provided in the app.

GROUP IDEAS

DONOR REGISTRATION

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Providing a profile for the donor who donates for the first time and the people who donates at regular time.

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APP INTERFACE

This app provides donors with functionalities like request feed, donation history, invite friend and options like book an appointment, find donor location for the patient i.e., receiver.

The app interface is available also in regional languages.

User friendly interface and voice assistant functions to assist the unread people also.

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SAFETY PRECAUTIONS

To ensure whether the donor is free from side effects and is able to donate plasma again.

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The plasma rates in the body are to be examined by a doctor before the donation. The doctor verifies it and clearances are made in the app, only then the donation will be successful.

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FEATURES

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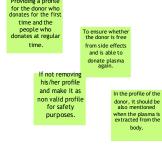Videos regarding awareness of plasma donation and clarification for doubts regarding donation are provided in the app.

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Idea Prioritization

PRIORITIZE

IMPORTANCE (High / Low) vs FEASIBILITY (Low / High)