

Project Design Phase-I - Solution Fit Template

Project Title: Plasma Donor Application

Team ID: PNT2022TMID42213

1. CUSTOMER SEGMENT(S)

Who is your customer?

People who are seeking for the plasma donors (Recipients) and people who wish to donate their plasma(Donors) are our customers.

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices of solutions?

1. Network Availability
2. Availability of devices
3. Lack of information
4. Donor medical history

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem? or need to get the job done? What have they tried in the past? What pros & cons do these solutions have?

1. Contact the donors manually
2. Approaching various plasma donation camps/centers.
3. Existing applications only give the information about the donor and recipients

These methods consume more time and manual work

2. JOBS-TO-BE-DONE / PROBLEMS

Which jobs-to-be-done (or problems) do you address? for your customers?

1. Finding the respective blood group donors at the right time
2. Finding the locomotive service at the time of emergency.

9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists? What is the back story behind the need to do this job?

People who need blood are increasing day by day. People who have diseases like anemia or people who have gotten into accidents and run out of blood need constant supply of blood to sustain their life and there is not enough blood available for them. It is not that people do not want to donate blood, but because they have no idea where they can donate. It is important for the people who are excited to donate, but yet are very busy, to be sure where and when they can donate, and therefore We are signing a system which contains all the information regarding blood donation camps ongoing in a particular area so that people who want to donate blood will get information regarding these camps.

7. BEHAVIOUR

What does your customer do to address the problem and get the job done?

The customer will go up to an hospital for donating the blood / Need of blood for the surgery but surgery but now they can use our application to do it and documentation work can be completed via online portal and dates for the transfer can be booked.

3. TRIGGERS

What triggers customers to act?

In order to find the donors quickly within the time limit can make the user to use our application.

4. EMOTIONS: BEFORE / AFTER

How do customers feel when they face a problem or a job and afterwards?

Customers were confused, emotionally and mentally in a worse condition before find the donor but after using the application they will able to save who are in need and their mental condition will become stable after they find the donor

10. YOUR SOLUTION

The main objective of this project is to provide the recipient with a donor who is in good form with no health ailments to donate blood of the corresponding blood group. This project provides quick access to donors for an immediate requirement of blood. In case of an emergency/surgery, blood procurement is always a major problem which consumes a lot of time. This helps serve the major time-lapse in which a life can be saved!

8. CHANNELS of BEHAVIOUR

ONLINE

The customer needs to register themselves in the application and then do all the documentation and verification work . Finding donors through social media will consume more time

OFFLINE

Physical need to go and donate the blood and do the manual process which can't be avoided. In OFFLINE, it will be difficult to find the donors at the time of emergency.