Project Design Phase-I
Problem – Solution Fit

Date	19 October 2022
Team ID	PNT2022TMID20350
Project Name	Project - PLASMA DONOR APPLICATION
Maximum Marks	2 Marks

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Patients , Public & Private Hospital Management.

6. CUSTOMER CONSTRAINTS — CC

The customer constraints for using web application:-

> Network usage.

> Electronic device (Mobile, Laptop, Desktop)

> Power utilization.

> Time will be spent longer if there is no data available..

5. AVAILABLE SOLUTIONS — AS

The issue is determining where they should go to give. Our application will Reduce these issues by informing them of the exact place where they may and should donate plasma.
PROS: It will make the procedure simple and quick.
CONS: Availability is usually variable. It is difficult to discover donors when there are none available.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Plasma is provided to plasma seekers, and the availability of plasma is known through this application, including how long it will take to arrive and what type it will be. This Jobs are done through this application.

9. PROBLEM ROOT CAUSE — RC

This problem is raised because lack of plasma donors during COVID19 crisis.

During the COVID 19 crisis, the requirement of plasma became a high priority and the donor count has become low.

7. BEHAVIOUR — BE

The user should open the application and sign up for the application. After signing up for the application, the user should see the availability of donors in the application if he/she needs plasma. If the user needs to donate, the user must go through another type of procedure, which includes the same procedure as the plasma seeker.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

User can engage through this type of triggers

1.Your one donation can give 3 people another chance of life.
2. Earning Badge for highest Plasma Donation.

4. EMOTIONS: BEFORE / AFTER — EM

Hospital Management were having difficulty receiving plasma of their type prior to the application, and there won't be many of them who don't know how to donate their plasma by these patients in need who were emotionally afraid about their situation. But now with our application, those who do not know how to donate their plasma will find it easier to do so, and it will be very helpful for the patient to get the type of plasma that they require. This thing makes it easy and makes Hospital Management happy.

10. YOUR SOLUTION — SL

Because of the COVID 19 issue, the need for plasma has increased recently. As a result of this scenario, the Plasma Donor Application will assist in saving people's lives by providing plasma at the appropriate time.

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE
The user should open the application and sign up for the application. After signing up for the application, the user should see the availability of donors in the application if he/she needs plasma. If the user needs to donate, the user must go through another type of procedure, which includes the same procedure as the plasma seeker.

8.2 OFFLINE
After approving the donor's request, Hospital Management should visit with the donor to collect plasma. Either Donor Could meet Hospital Management to deliver plasma.

Identify strong TR & EM