**Project Design Phase-I** - **Solution Fit Template**

Project Title: Plasma Donor Application

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

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

**AS**

**5. AVAILABLE SOLUTIONS**

People in need of plasma contact hospitals, blood banks, friends and families

. You must wait at least eight weeks (56

days) between donations of whole blood

and 16 weeks (112 days) between Power

Red donations.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Generally, plasma donors must be 18 years of age and weigh at least 110 pounds (50kg). All individuals must pass two separate medical examinations

**Explore AS, differentiate**

**Define CS, fit into CC**

**BE**

**7. BEHAVIOUR**

The system offers a more effective method of speaking with blood donors. Additionally, it has the ability to keep a database of registered donors. Additionally, it educates users on the most recent technology employed in the creation of Android-based applications.

**RC**

**9. PROBLEM ROOT CAUSE**

Shortage of blood is a major issue faced by blood banks and this is due to the lack of donors, this has led authorities to reach out to the public via social media for patients who need blood transfusion urgently.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

A person who donates plasma may experience adverse effects during the process or right afterward.

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

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The user A donor has to register to the website providing their details. The registered users can get the information about the donor count of each blood group. The database will have all the details such as name, email, phone number, infected status. Whenever a user requests for a particular blood group then the concerned blood group donors will receive the notification regarding the requirement.v

**10. Your Solution**

A donor has to register to the website.The registered users can get the information about the donor Whenever a user requests for a particular blood group then the concerned blood group donors will receive the notification regarding the requirement.

**Identify strong TR & EM**

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| **Identify strong TR & EM** | **3. TRIGGERS TR**  Plasma is required for the treatment of many persons. Plasma donation is actually utilised to help Covid affected people heal more quickly. | **10. YOUR SOLUTION SL** | 1. **CHANNELS of BEHAVIOUR CH**   **ONLINE and OFFLINE**  People with demand search for plasma in social media  People search for plasma in hospitals, blood banks, their friends and families. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  Before donating, there are high levels of negative emotions (such as dread and worry), which are followed by mostly good emotions (such as warmth and relaxation). |