

Project Design Phase-1

Proposed Solution

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID32997 |
| Project Name | Project – Plasma Donor Application |
| Maximum Marks | 2 Marks |

Proposed Solution :

| S.No. | Parameter | Description |
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| 1. | Problem Statement (Problem to be solved) | During Coronavirus emergency the necessity for plasma expanded radically as there were no immunization found to treat the contaminated patients, with plasma therapy the recovery rates were high but the donor count was very low and in such situations it was very important to get the information about the plasma donors. Saving the contributor data and telling about the ongoing givers would be some assistance as it can save time and assist the clients with finding the vital data about the contributors. |
| 2. | Idea / Solution description | This proposed system aims at connecting the donors & the patients by an online application. By using this application, the users can either raise a request for plasma donation or requirements. |
| 3. | Novelty / Uniqueness | A User Interface is simple for users to understand. The user immediately needs the plasma for their treatment but the plasma is not available in nearby hospitals, then user can use this application to raise request and directly contact the donor, request them to donate the plasma. Hospitals can also raise request donors for donation. |
| 4. | Social Impact / Customer Satisfaction | We are living in a modern world and everything can be accessed online. Even though there are many applications there is no proper application for plasma donation. Many of them wish to donate blood and plasma but they are unaware about donation and how they can donate. This application provides opportunity to those who want to donate plasma. |

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| 5. | Business Model (Revenue Model) | This application is accessible by everyone . It is free.Because of the trouble in finding givers who match a specific blood bunch, this application empowers clients to enlist individuals who wish to give plasma and keep their data in a data set.working with the government we can utilize an application to help those needing plasma. |
| 6. | Scalability of the Solution | When there is a emergency then plasma request is send to everyone. Once the donor is ready to donate receiver is notified about donation. Receiver can contact the donor. With this app donor can know the eligibility to donate and making it easier to locate suitable donor at right time. |