

**Project Design Phase-I**  
**Proposed Solution**

|               |                                    |
|---------------|------------------------------------|
| Date          | 07 October 2022                    |
| Team ID       | PNT2022TMID24633                   |
| Project Name  | Project – Plasma Donor Application |
| Maximum Marks | 2 Marks                            |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

| S.No. | Parameter                                | Description   |
|-------|--|---|
| 1.    | Problem Statement (Problem to be solved) | A web application which uses cloud infrastructure to store the details of the donors and the location of the plasma available for donation. This Application aims to reduce the time to find the correct donors and their location. This stores the details of the donors so that when a request is made, we could easily track down the donor. This is proposed to be a web application which can be viewed on both mobile devices as well as computers  |
| 2.    | Idea / Solution description              | The application is providing the facility to approach nearby plasma donors so that it will become much easier to search rare types in the hour of need.   |
| 3.    | Novelty / Uniqueness                     | A User Interface is simple for users to understand. We can use the application anywhere anytime. The user immediately need 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. Somebody wants to donate blood and plasma but they don't know the way to donate then they use this application which will simple to use and it will save lives of many people. Today many of them have mobile phones they can install this application and use it to save the lives of people. |

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|----|---------------------------------------|---|
| 4. | Social Impact / Customer Satisfaction | Effect of donor motivation on donor satisfaction and loyalty is variable due to the influence of common donorship attitudes prevailing in donor population, impact of social marketing programs, focused on promotion of donor commitment and deliberate donorship. Thus, we have predicted that effect of donor motivation on donor relationship satisfaction and loyalty change   |
| 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. Nowadays the need for plasma increases. Anyone with basic knowledge can access this app. This can be used anywhere anytime. working with the government we can utilize an application to help those needing plasma. |
| 6. | Scalability of the Solution           | This application helps users to find plasma donors by sitting in home itself instead of searching donors everywhere. When there is a emergency then plasma request to 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.  |