**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 10 October 2022 |
| Team ID | PNT2022TMID08196 |
| Project Name | Project – Plasma Donor Application |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Location | Enable the location option in mobile/desktop, while creating account |
| FR-4 | User plasma type | To specify the plasma group through the app |
| FR-5 | Request Plasma | User should be able to request for plasma at emergency situation |
| FR-6 | View Delivery Status | User and Requester should able to view the status of the delivery time and delivery track |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | No cost of the Plasma units for requester |
| NFR-2 | **Security** | Security systems need database storage just like many other applications. The special requirements of the security market mean their database partner carefully. |
| NFR-3 | **Reliability** | If there is extensive damage to a wide portion of the database due to some failures ,such as a disk crash, the recovery method restores a paste copy of the entire database |
| NFR-4 | **Performance** | The performance of the application should be very easy to access through the Users |
| NFR-5 | **Availability** | The system perform during the offline and online should be available at 24/7 |
| NFR-6 | **Scalability** | According to the Users can change the system ability of cost and response to changes in application and system processing |