**Project Design Phase-II**

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

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| Team ID | PNT2022TMID23657 |
| 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 Email |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Login | Login using Registered email Id |
| FR-4 | Sent Request | If plasma is required, the receiver will contact the donor |
| FR-5 | Contact Donor | Contact the donor directly if a phone number is given |
| FR-6 | View donation camps | View the list of donation camps happening nearby |

**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** | The Graphical and user interface is be user-friendly and neat. |
| NFR-2 | **Security** | The data is be completely stored in a secure database for the donor and recipient to access it safely. |
| NFR-3 | **Reliability** | It is completely reliable and accessible for a long period of time without bugs. It should satisfy the core purpose of its making. |
| NFR-4 | **Performance** | It is dynamic and performs well under difficult circumstances. |
| NFR-5 | **Availability** | The availability of this application is around all the 365 days of the year with day and night availability around different nations. |
| NFR-6 | **Scalability** | The application is sufficient for many numbers of users and supports to protect all information that are dynamically provided in the application. |