

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

| | |
|---------------|--------------------------|
| Date | 17 October 2022 |
| Team ID | PNT2022TMID06247 |
| Project Name | Plasma Donor Application |
| Maximum Marks | 4 Marks |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-------------------------------|--|
| FR-1 | User Registration | Registration through Form Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Location access | Share location access through link |
| FR-4 | Recipient request | Inform through notification Inform through mail |
| FR-5 | Donor acceptance to request | Accept through pop up Accept through mail |
| FR-6 | End result | Define product features |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | The quality of experience when interacting with the application will be attained. |
| NFR-2 | Security | A system's ability to prohibit unauthorized access , usage or behaviour modification while providing service to authorized users |
| NFR-3 | Reliability | It gave the reliable information to the user , because the register donors are well reliable person .So reliability is high. |
| NFR-4 | Performance | Processing speed , response time ,resource consumption, throughput and efficiency |
| NFR-5 | Availability | Made publicly available a new dataset formed by a set of plasma donors profiles and a set of patient collected from different search engine sites |

| | | |
|-------|--------------------|--|
| NFR-6 | Scalability | The application has the ability to handle growing numbers of users and load without compromising on performance and causing disruptions to user experience |
|-------|--------------------|--|