

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

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|---------------|--------------------------|
| Date | 18 October 2022 |
| Team ID | PNT2022TMID32215 |
| 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(Mobile Application) | Registration through Form Registration through Gmail Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Details | User details should be taken |
| FR-4 | User Blood Type | Donar blood type should be matched for user |
| FR-5 | User Age | Plasma Donar should be atleast 18 years old |
| FR-6 | Donar Quality | Donar does not have any disease. Donar should not drink alcohol |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | Plasma donation agencies. Mobile Ads. Mobile application can be user for users. |
| NFR-2 | Security | User details must be secure. User phone number must be secure. |
| NFR-3 | Reliability | It is an user friendly application. It is used as an common application. |
| NFR-4 | Performance | Flexible for migration IT system. Best Quality service. |
| NFR-5 | Availability | It contains user availability. More users can connect to the application. |
| NFR-6 | Scalability | More users are connected to network and plasma bank. |