

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

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| Date | 17OCTOBER2022 |
| Team ID | PNT2022TMID32411 |
| Project Name | PLASMA DONOR APPLICATION |

Functional Requirements:

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-------------------------------|--|
| FR-1 | Donor Registration | Register with Form Register with Email |
| FR-2 | Donor Confirmation | Confirm via Email Confirm via OTP |
| FR-3 | Recipient Registration | Register with form Register with Email |
| FR-4 | Recipient Confirmation | Confirm via Email Confirm via OTP |
| FR-5 | User Login | Login via Email Login via OTP |
| FR-6 | Recipient Notifies | Recipient get notified from Donor via messages |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | Creating an online platform that not just serves as a strong network between plasma donors and recipients but also acts a platform to spread awareness and motivate donors by taking care of their plasma needs and safety. |
| NFR-2 | Security | The admin will handle the information given by the user and store them in a secured database which cannot be accessed by any other people. |
| NFR-3 | Reliability | An intimation was given to the donors if the wrong data was provided by the users. |
| NFR-4 | Performance | This application will help donors as well as recipients in a better manner. |
| NFR-5 | Availability | The notification about the availability of donor was sent through SMS. |
| NFR-6 | Scalability | More number of users will register. |