

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

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| Date | 13 October 2022 |
| Team ID | PNT2022TMID19417 |
| Project Name | Project – 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 | Login Page | Sign up and Sign in options. |
| FR-2 | User Confirmation | If you Sign up ,you will receive the confirmation via Email. |
| FR-3 | Home Page | Explore page User Profile Notification |
| FR-4 | Explore Page | The patient can search available of donors. |
| FR-5 | User profile <ul style="list-style-type: none"> Donor Patient | Donor : He can view the request send by the patients. Patient: They can made the request . |
| FR-6 | Notification | Donor : The donor can receive the requests. Patient: They can get notified when their request is matched. |
| FR-7 | Successful page | Donor: "Thank you!!" Patient: "Get well Soon " |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | User friendly :The user can easily access the application. |
| NFR-2 | Security | The details entered by the users is secured. |
| NFR-3 | Reliability | Updation of the database is incorrupted. |
| NFR-4 | Performance | Good performance. |
| NFR-5 | Availability | It is available to all users even if there is a deployment of new module. |
| NFR-6 | Scalability | Scalable platform. |