**Project Design Phase-II**

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

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| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID07290 |
| Project Name | 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 mobile/ laptop/ PC  Registration through telegram group |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Donor Notification | Get notification through register mobile number  Get notification through register Email |
| FR-4 | Plasma needer details(person) | Availability details in App  Availability details in telegram group |
| FR-5 | Plasma availability(blood) | Availability details in App  Availability details in telegram group |

**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** | * Can new user quickly adapt to the software without helpless * the most common operations streamlined to be performed quickly |
| NFR-2 | **Security** | * The system had user or role based security * any operations done by user will keep private |
| NFR-3 | **Reliability** | * Whenever the user change his scheduled * use mobile and desktop anywhere |
| NFR-4 | **Performance** | * The performance of the app is in high level   because it can holed only few data so it performance will fast |
| NFR-5 | **Availability** | * User can use mobile and desktop anywhere in network * User can use application 24/7 |
| NFR-6 | **Scalability** | * The capacity of an app is handle by cloud so it has high scalability and elasticity |