

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

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| Date | 13 October 2022 |
| Team ID | PNT2022TMID16765 |
| Project Name | AI-based localization and classification of skin disease with erythema |
| 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 Mobile Number Registration through Google Account Registration through Facebook |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via Call Confirmation via OTP |
| FR-3 | Patient Image Capturing Process | Provide Access to Capture Image Through Camera Provide Access to Upload Image Through Gallery |
| FR-4 | Patient Medicine Reminder | Remind the Patients to take their Medicines/ointments At right time through remaindering alarm. |
| FR-5 | Suggestion Box | Patients can take suggestions from the Doctors through Chats. |
| FR-6 | Flareup Cycles | Patients can know their medicine level from doctors Through message. |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|---------------|-----------------------------------|--|
| NFR-1 | Usability | It doesn't specify parts of the system functionality, only how that functionality is to be perceived by the user |
| NFR-2 | Security | Data privacy and security practices may vary based on users and their age. |
| NFR-3 | Reliability | Extent to which the software system consistently performs the specified functions without failure. |
| NFR-4 | Performance | he website's load time should not be more than one second for users. |
| NFR-5 | Availability | How likely the system is accessible to a user at a given point in time. |
| NFR-6 | Scalability | The ability to appropriately handle increasing (and decreasing) workloads. |