**Project Design Phase-II**

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

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| Date | 18 Oct2022 |
| Team ID | PNT2022TMID45702 |
| 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.

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| --- | --- | --- |
| **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.

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Our Mobile phone application designed to improve the quality of patient‐held photos, and was developed to generate and hold their own skin images to help guide their skin care. |
| NFR-2 | **Security** | Data privacy and security practices may vary based on users and their age |
| NFR-3 | **Reliability** | Easy to use app to get personalized answers to your skin conditions questions. |
| NFR-4 | **Performance** | Good treatments are available for a variety of skin conditions including rash, itchy skin, skin fungus etc. |
| NFR-5 | **Availability** | Our app helps you to screen your skin symptoms and prepare for your practitioner visit. |
| NFR-6 | **Scalability** | The app gives users evidence-based dermatologist approved health information insights on diseases affecting various parts of our body. |