

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

Date	08 November 2022
Team ID	PNT2022TMID04139
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 Form Registration through Gmail Registration through Facebook Registration through mobile number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Patient Image Capturing Process	Provide access to camera for capturing images Provide access to gallery for uploading images
FR-4	Patient Medicine Reminder	Provide access to clock and calendar for reminding patients to take medicine on time
FR-5	Chat with doctor	The patient can chat with doctor to get suggestions
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	The patient can use this app easily to capture images of their skin condition and test for skin diseases
NFR-2	Security	The patient information will not be disclosed to anyone except the patient and doctor
NFR-3	Reliability	Reliable answers suited for self - diagnosis by the patients
NFR-4	Performance	Above 90% accuracy while predicting skin diseases
NFR-5	Availability	Support available 24X7 Doctors chat available 24X7
NFR-6	Scalability	The app gives users evidence-based dermatologist approved health information insights on diseases affecting various parts of our body.