

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

Date	03 October 2022
Team ID	PNT2020TMID44958
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	Users provides their medical history.
FR-4	User Uploads Images (Input)	Upload Images as jpeg Upload Images as png
FR-5	Output Analysis	Output analysed through trained model
FR-6	Provides Description	Gives the detailed description of the skin disease found

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Used to classify skin disease with erythema
NFR-2	Security	It offers greater security and prevents unauthorised individuals from accessing user's data.
NFR-3	Reliability	Even with more users, there will be a good performance without failure.
NFR-4	Performance	With greater accuracy, the performance is high.
NFR-5	Availability	With a good system, all authorised users can access it.
NFR-6	Scalability	Performance will be good even with the higher user traffic,