

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

Date	29 October 2022
Team ID	PNT2022TMID29580
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.
FR-2	User Confirmation	Confirmation via Email.
FR-3	User Profile	Filling the profile page after logging in.
FR-4	Uploading Dataset (Skin images)	Images of the skin have to be uploaded.
FR-5	Requesting solution	Uploaded images is compared with the pre-defined Model and solution is generated.
FR-6	Downloading Solution	The solution in pdf format which contains the analysis of the image and detect whether the person is having skin disease or not.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system allows the user to perform the tasks easily and efficiently and effectively.
NFR-2	Security	Assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	Reliability	The website and app will recover from failure quickly, it takes time as the application is running in single server.
NFR-4	Performance	Response Time and Net Processing Time is fast.
NFR-5	Availability	The system will be available up to 95% of the time.
NFR-6	Scalability	The website and app should be scalable.