

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

Date	19 October 2022
Team ID	PNT2022TMID52767
Project Name	Project – AI-based localization 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 Website. Registration through Gmail.
FR-2	User Confirmation	Confirmation via Email. Confirmation via OTP.
FR-3	User Profile	Filling the profile page after logging in.
FR-4	Uploading Dataset(Skin)	Images of the skin where allergies are found is to be uploaded.
FR-5	Requesting Solution	Uploaded images are compared with the pre-defined images and suggestions are generated.
FR-6	Downloading Solution	The solution in pdf format or image format which contains the name of the disease and the recommended medicine is created.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	This system allows the user to perform tasks easily, efficiently, and effectively.
NFR-2	<b>Security</b>	Assuring that all data inside the system will be protected against malware attacks or unauthorized access.
NFR-3	<b>Reliability</b>	This system is very reliable and the user can get to know the skin disease accurately.
NFR-4	<b>Performance</b>	Response time is fast.
NFR-5	<b>Availability</b>	The system will be available 95% of the time.(UPTIME-95%)
NFR-6	<b>Scalability</b>	The website is scalable.