

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

DATE	21-10-2022
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 Form. 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 solution is generated.
FR-6	Downloading Solution	The solution in pdf 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	Usability	This system allows the user to perform the tasks easily,efficiently and effectively.
NFR-2	Security	Assuring that all data inside the system will be protected against malware attacks or unauthorized access.
NFR-3	Reliability	This system is very reliable and the user can get to know the skin disease accurately
NFR-4	Performance	Response time is fast.
NFR-5	Availability	The system will be available 95% of the time.

NFR-6	Scalability	The website is scalable.
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