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

Date	17 October 2022
Team ID	PNT2022TMID18514
Project Name	AI based localization and classification of skin diseases 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 LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Profile	User will provide about their skin disease.
FR-4	Image uploading process	User will capture their affected skin area and upload the image.
FR-5	Analysis	The image will be analysed by the yolo model.
FR-6	Provide the details	The causes and effects of the disease are found.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	They are used to identify and classify the skin disease.
NFR-2	**Security**	The medical details of the patients are secured properly.
NFR-3	**Reliability**	The system will consistently perform the specified function without any interruption or failure.
NFR-4	**Performance**	The performance is good and it gives the correct results.
NFR-5	**Availability**	The website can be found easily and the user can use them at any time.
NFR-6	**Scalability**	It is capable to store millions of data.