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

Date	6 November 2022
Team ID	PNT2022TMID18387
Project Name	Project – 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 Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	User Password	Make him/her to set a strong password
FR-4	User Image Upload	To upload image to the website from his/her local system or drive.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Our website will be very user friendly as it just requires a simple registration process and to upload an image to get results.
NFR-2	Security	As we are suggesting the user to set a strong password the security of the user is ensured.
NFR-3	Reliability	As we have trained our model with the images taken from a trusted dermatological site our website will be more reliable.
NFR-4	Performance	We have annotated the images and trained our model using Yolo model, so our model's performance is better.
NFR-5	Availability	The website will be accessible on any browser. So it is accessible anywhere and anytime.
NFR-6	Scalability	The scalability is increased by giving back the input images from the user back to the model. By this the dataset gets increase which in turn increase the performance of the model.