

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID13313
Project Name	Project - AI-Based localization and classification of skin disease with erythema
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The user is a busy worker who requires a quick solution with greater precision for his or her skin issue but does not have time to physically visit specialists.
2.	Idea / Solution description	A person has the ability to take pictures of skin, which are then sent to a trained model. The model examines the photograph and determines whether or not the subject has a skin condition.
3.	Novelty / Uniqueness	Additionally, noise-filled images have been captured and improved using powerful algorithms to identify diseases.
4.	Social Impact / Customer Satisfaction	Different skin disorders can be detected by just submitting photographs, and this approach is quite effective at helping people in the community identify ailments earlier.
5.	Business Model (Revenue Model)	Our return on investment will be the creation and distribution of a proprietary product that will be used as a solution.
6.	Scalability of the Solution	This system is more scalable because it accepts any picture type, regardless of resolution, and offers good performance in any situation.