

Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID52709
Project Name	Project - AI-Based localization and classification of skin disease with erythema
Maximum Marks	2 Marks

Proposed Solution :

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	User is a busy worker who needs an immediate result with more accuracy for his/her skin problem but he/she has no time to visit dermatologists in-person.
2.	Idea / Solution description	The person can capture the images of skin and then the image will be sent to the trained model. The model analyses the image and detects whether the person is having skin disease or not.
3.	Novelty / Uniqueness	Images with noise have also been taken and are enhanced with effective algorithms for predicting the diseases.
4.	Social Impact / Customer Satisfaction	By just uploading the images various skin diseases can be diagnosed and this system is very efficient which serves civilians to detect the diseases earlier.
5.	Business Model (Revenue Model)	As we are planning to design a proprietary product as a solution and distribute it to users, this will serve as our return on investment.
6.	Scalability of the Solution	This system is more scalable because it takes any type of images regardless of its resolution and it provides high performance irrespective of the environment.