

**Project Design Phase-I**  
**Proposed Solution Template**

Date	10 <sup>th</sup> October 2022
Team ID	PNT2022TMID18514
Project Name	Project - AI-Based localization and classification of skin disease with erythema
Maximum Marks	2 Marks

**Proposed Solution Template:**

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

Sno.	Parameter	Description
1.	Problem Statement (Problem to be solved)	User is suffering from skin disease and needs immediate assistance and is unsure of how to handle it.
2.	Idea / Solution description	<p>The User has the ability to take pictures of skin, which are then sent to a trained model.</p> <p>The model examines the photograph and determines whether or not the subject has a skin disease.</p>
3.	Novelty / Uniqueness	<p>Images with noise have also been taken and are enhanced with effective algorithms for predicting the diseases.</p> <p>Using the camera on their device, users may detect and identify their skin issues. This website can process variation of all sizes and forms.</p>
4.	Social Impact / Customer Satisfaction	Different skin disorders can be detected by just submitting photographs, and this approach is quite helpful in assisting people in the community identify infections earlier.
5.	Business Model (Revenue Model)	Our return on assets will be the creation and distribution of a proprietary product that will function as a solution.
6.	Scalability of the Solution	This approach is more scalable because it handles any images type, whatever of resolution, and gives great performance in any circumstances.