

PROJECT DESIGN PHASE – I

PROPOSED SOLUTION

Date	9 November 2022
Team ID	PNT2022TMID18710
Project Name	AI-based localization and classification of skin disease with erythema
Maximum Marks	2 marks

PROPOSED SOLUTION:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The problem of skin disease by bacteria, fungus and some other viruses trapped in skin pores and hair follicles.
2.	Idea / Solution description	Classification of skin disease using Artificial Intelligence based image processing in order to be aware from the risks of infection.
3.	Novelty / Uniqueness	Classification is done with computer aided diagnosis, the medical imaging will become easier than others, since it uses the artificial intelligence techniques in order improve the accuracy of dermatology diagnosis.
4.	Social Impact / Customer Satisfaction	The physical problems like irritation and itching, they will be also feeling the psychological problems like stress, anxiety can be prevented.
5.	Business Model (Revenue Model)	Application
6.	Scalability of the Solution	Computers or mobile phones are portable. The effects of skin disease could be avoided by using image processing technique in order to achieve the classification of skin disease.