

PROJECT DESIGN PHASE-1

PROPOSED SOLUTION TEMPLATE

DATE	24-09-2022
TEAM ID	PNT2022TMID33898
PROJECT NAME	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 proposed solution template.

S.NO	Parameter	Description
1.	Problem statement(problem to be solved)	To detect skin disease like Erythema. Skin tone and skin colour play an important role in skin disease detection. Colour and coarseness of skin are visually different. Automatic processing of such images for skin analysis requires quantitative discriminator to differentiate the diseases.
2.	Ideas/solution description	we are building a model which is used for the prevention and early detection of skin cancer, psoriasis.
3.	Novelty/Uniqueness	The characteristic of the skin images is diversified so that it is a challenging job to devise an efficient and robust algorithm for automatic detection of skin disease and its severity.
4.	Social impact/customer satisfaction	The most vulnerable are women than in men before age 50, but are higher in men after age 50.it can save lives of people. It'll reduce the patients fear over skin disease.
5.	Business Model (Revenue model)	The government and private hospitals make use of this for long time monitoring and for quick ,safe and painless test.

6.	Scalability of the solution	It's used to identify the type of skin diseases. And it is quick, safe, painless and accurate.
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