

IDEATION PHASE	
BRAINSTORM & IDEA PRIORITIZATION TEMPLATE	
DATE	25 SEPTEMBER 2022
TEAM ID	PNT2022TMD10462
PROJECT NAME	AI-BASED LOCALIZATION AND CLASSIFICATION OF SKIN DISEASE WITH ERYTHEMA
MAXIMUM MARKS	

PROBLEM
How can we identify and create an web application for the skin disease.

BRAINSTORM

ARCHANA R

An extraordinary part of the human body is skin, that is often afflicted with a variety of known and unknown diseases.

So I decided to make identification of skin diseases.

To identify the skin disease, datasets are collected.

Finally, Application is developed to identify the skin disease.

ANTO MARIA SWETHA A

Skin diseases are more common than other diseases.

So in our project I decided to show the probability of skin diseases.

Some more datasets are collected in the basics of skin diseases.

In the final result, It shows the probability that affected the skin.

ARUL KUMAR G

Skin disease may be caused by fungal infection, bacteria, allergy, or viruses, etc.

In general, skin diseases are chronic, infectious and sometimes may develop skin cancer.

So, image processing techniques help to build automated screening system for dermatology at an initial stage.

Finally, the view of the application are shown to the user, the stage of skin disease with the solution.

ANISH M

In general, most of the common people do not know the type and stage of a skin disease.

This study is for the use of AI methods and deep learning for prescreening and detecting the characteristic erythema and for the early detection of skin cancer, psoriasis to treat them.

Using YOLO model and keras we classify the image into Erythema and various stages of psoriasis skin disease.

The results are shown to the user, including the stage of disease(Erythema, psoriasis), spread, and severity.

GROUP IDEAS

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DECISION

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DATASET

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FINAL VIEW

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PRIORITIZE

