


Ideation phase

Brainstorm & Idea prioritization Template

Date	10 october 2022
Team ID	PNT2022TMID46454
Project Name	Project-AI based localization and classification of skin disease with erythema
Maximum Marks	4 Marks

Brainstorm & Idea prioritization:



Brainstorm & idea prioritization

PROJECT TOPIC:

All based localization and classification of skin disease with erythema

Task recap

1. Pathology

2. Tool used

3. Research path


problem statement

To overcome the skin diseases like psoriasis, skin cancer, melanoma, we are building a model where the person can capture the images of skin and detect whether the person is having skin disease or not

PROBLEM

How we might to cure the skin diseases?

IDEAS



Group ideas

Methods

- Using YOLOv3 detector
- using hybrid model
- Image processing techniques

Analysis

- As the model is not yet developed, it is not possible to analyze it at this stage.
- Diagnosed easily to help in their development and improve it.
- The images can easier for dermatologist to detect.

Functions

- Image recognition for public usage
- Improving time to inform the results
- provides efficient approach to identify
- Identify and classify the lesions in the images
- Image processing techniques

Features

- required gigapixel camera
- Results do not get affected by disease spread and severity
- single and fast method
- Require camera and computer

PRIORITIZE IDEAS

