

Ideation phase

Brainstorm & Idea prioritization Template

Date	7 october 2022
Team ID	PNT2022TMID47686
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:

AI based localization and classification of skin disease with erythema

TEAM MEMBERS:

1. Lakshya
2. Poojitha
3. Vishvashvi
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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

- Automated screening system for dermatology at an initial stage
- Diagnosed early to reduce their development and spread
- the images can easier for dermatologist to detect

Functions

- Image recognition for public usage
- Importing time to information results
- provides efficient approach to identify
- Identify and locate the keypoints from input image
- Pre-processing, detect noise and background

Features

- required gigapixel camera
- Results down to use the type of disease, spread and severity
- simple and fast method
- Require camera and computer

PRIORITIZE IDEAS

