

# 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. Siddhartha
2. Pooja
3. Kshitij
4. Ananya

**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
- Improving time to information results
- Provides efficient approach to identify
- Identify and locate the regions from input image
- Representative disease name and severity background

**Features**

- required gigapixel camera
- Results shown to user like type of disease, spread and severity
- simple and fast method
- Require camera and computer

**PRIORITIZE IDEAS**

