


# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID00107
Project Name	AI-based localization and classification of skin disease with erythema
Maximum Marks	4 Marks

### Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template




## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

⌚ 10 minutes to prepare  
🗓️ 1 hour to collaborate  
👥 2-8 people recommended

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### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

⌚ 10 minutes

A

**Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B

**Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.

C

**Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) →


1


**Define your problem statement**  
What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.


⌚ 5 minutes


PROBLEM


HOW TO IDENTIFY THE TYPE OF SKIN DISEASE?


**Key rules of brainstorming**  
To run a smooth and productive session


 Stay in topic.

 Encourage wild ideas.

 Defer judgment.

 Listen to others.

 Go for volume.

 If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping

2

**Brainstorm**  
Write down any ideas that come to mind that address your problem statement.  

10 minutes

TIP

You can reflect a sub-point and still be seen as part of the cluster you're brainstorming

**KRISHNA RAM**

USING IMAGE PROCESSING TO IDENTIFY THE SKIN DISEASE

USING MOBILE CAMERAS TO GET THE INPUT FROM THE PATIENTS

COMPARING AFFECTED PEOPLE IMAGE WITH UNAFFECTED IMAGE

TRAINING THE DATASET WITH MULTIPLE IMAGES OF BOTH NORMAL SKIN AS WELL AS AFFECTED SKIN

**KRISHNA PRASATH**

FEEDING DATASET OF VARIOUS SKIN DISEASES RECORDED TILL DATE

PATIENTS LEARN ABOUT THE AFFECTED DISEASE IN AN EASY MANNER

OFFERING FRIENDLY INTERFACE IN MEDICAL FIELD VIA APP

AN APPLICATION FOR PATIENTS TO GET ADVICE FROM DOCTORS ALL OVER THE WORLD BY SHARING THE DISEASE VIA APP

**RISHIKARAN**

Detection of skin disease via blood test

Using the analyzer's computer vision technology

Machine learning is used to design multiple algorithms and models that greatly helps the process of prediction

Skin Disease Recognition Method Based on Image Color and Texture Features

**MANIKANDA PRABU**

WE CAN ALSO DETECT THE SKIN DISEASE USING DEEP LEARNING

detects by symptoms signs, lab reports and docs report.

WE CAN STORE THE RECORDED DATASETS IN CLOUD STORAGE

The dermatology of AI is being more and more researched.

3

**Group ideas**  
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a vertical-line label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.  

20 minutes

**CATEGORIZING BASED ON DATASET**

TRAINING THE DATASET WITH MULTIPLE IMAGES OF BOTH NORMAL SKIN AS WELL AS AFFECTED SKIN

FEEDING DATASET OF VARIOUS SKIN DISEASES RECORDED TILL DATE

WE CAN STORE THE RECORDED DATASETS IN CLOUD STORAGE

**CATEGORIZING BASED ON METHOD**

Skin Disease Recognition Method Based on Image Color and Texture Features

USING IMAGE PROCESSING TO IDENTIFY THE SKIN DISEASE

WE CAN ALSO DETECT THE SKIN DISEASE USING DEEP LEARNING

**CATEGORIZING BASED ON RESULTS**

PATIENTS LEARN ABOUT THE AFFECTED DISEASE IN AN EASY MANNER

OFFERING FRIENDLY INTERFACE IN MEDICAL FIELD VIA APP

AN APPLICATION FOR PATIENTS TO GET ADVICE FROM DOCTORS ALL OVER THE WORLD BY SHARING THE DISEASE VIA APP

## Step-3: Idea Prioritization

4

### Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

⌚ 20 minutes



→

### After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

#### Quick add-ons

- A Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- B Export the mural**  
Export a copy of the mural as a PNG or PDF to attach to e-mails, include in slides, or save in your drive.

#### Keep moving forward

- Strategy blueprint**  
Define the components of a new idea or strategy.  
[Open the template →](#)
- Customer experience journey map**  
Understand customer needs, motivations, and obstacles for an experience.  
[Open the template →](#)
- Strengths, weaknesses, opportunities & threats**  
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.  
[Open the template →](#)

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