

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	12 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

🗨️ Share template feedback

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](#) →

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

Step-2: Brainstorm, Idea Listing and Grouping

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

TIP

You can select a sub-cluster and refine it into a specific idea cluster to start a new group.

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 DIAGNOSIS 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 IT IF AVAILABLE 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 pacs report.

WE CAN STORE THE RECORDED DATASETS IN CLOUD STORAGE

The dermatology of AI is being more and more researched.

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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 sentence-like 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

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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



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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 create a plan.
[Open the template →](#)

[👤 Share template feedback](#)