Ideation Phase
Brainstorm&Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID01254
Project Name	Project - AI BASED LOCALIZATION AND CLASSIFICATION OF SKIN DISEASE WITH ERYTHEMA
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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.

Reference: https://www.mural.co/templates/empathy-map-canvas

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

Conducting a brainstorm

Executing a brainstorm isn't unique; holding a productive brainstorm is. Great brainstorms are ones that set the stage for fresh and generative thinking through simple guidelines and an open and collaborative environment. Use this when you're just kicking-off a new project and want to hit the ground running with big ideas that will move your team forward.

- **15 minutes** to prepare
- **30-60 minutes** to collaborate
- **3-8 people** recommended

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Share template feedback

Need some inspiration?

See a finished version of this template to kickstart your work.

Open example →

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.

🕐 15 minutes

A Choose your best "How Might We" Questions
Create 5 HMW statements before the activity to propose them to the team.

B Set the stage for creativity and inclusivity
Go over the brainstorming rules and keep them in front of your team while brainstorming to encourage collaboration, optimism, and creativity.

1. **Encourage wild ideas** (If none of the ideas sound a bit ridiculous, then you are filtering yourself too much.)
2. **Defer judgement** (This can be as direct as harsh words or as subtle as a condescending tone or talking over one another.)
3. **Build on the ideas of others** ("I want to build on that idea" or the use of "yes, and...")
4. **Stay focused on the topic at hand**
5. **Have one conversation at a time**
6. **Be visual** (Draw and/or upload to show ideas, whenever possible.)
7. **Go for quantity**

C Interested in learning more?
Check out the Meta Think Kit website for additional tools and resources to help your team collaborate, innovate and move ideas forward with confidence.

Open the website →

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1   Choose your best "How Might We" Questions

Share the top 5 brainstorm questions that you created and let the group determine where to begin by selecting one question to move forward with based on what seems to be the most promising for idea generation in the areas you are trying to impact.

🕐 10 minutes

> **PROBLEM STATEMENT**
>
> People today frequently experience skin conditions. The most diverse type of skin cancer is melanoma. Skin conditions may cause issues in the body, including the transmission of the illness from one person to another, if they are not treated at an early stage.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm solo

Have each participant begin in the "solo brainstorm space" by silently brainstorming ideas and placing them into the template. This "silent-storming" avoids group-think and creates an inclusive environment for introverts and extroverts alike. Set a time limit. Encourage people to go for quantity.

🕐 10 minutes

3

Brainstorm as a group

Have everyone move their ideas into the "group sharing space" within the template and have the team silently read through them. As a team, sort and group them by thematic topics or similarities. Discuss and answer any questions that arise. Encourage "Yes, and..." and build on the ideas of other people along the way.

🕐 15 minutes

ASHWATHI A

- To get personalised answers to your skin condition questions
- Patient's diseased images will be kept confidential
- Improving the sensitivity and accuracy of screening of skin lesions including malignancies
- It provides 24/7 services to the patients

ASHWINI S

- Recognise the skin disease using the dataset
- It include all conditions that irritate, clog or damage your skin, as well as skin cancer.
- It have a Symptom Checker: Use the phone's camera to take a picture of your skin concern
- It provides the description about the prescribed skin care products

JOYCE JONAFARC L

- The photos of your skin disease are kept 100% safe & confidential.It provides confidentiality to the user.
- It helps you screen your skin symptoms and prepare for your practitioner visit.
- It has safer authentication and it is easy handling application
- It can be used anywhere and anytime.No need to visit the doctor personally for minor skin problems

PAVITHRA R

- It provides the basic knowledge and details about the skin diseases
- It identifies the skin disorders in early stages
- It gives the details about current and existing treatments for the skin disorders
- It also suggests the nearby hospitals according to the diseases

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- It detects the type of skin disease easily with accuracy and recommend the best and global medical suggestion
- For the minor skin diseases,it gives the suggestions without doctor consultation
- It provides pictures and information specific to the area of the symptoms
- It provides a comfortable way especially during the pandemic situation to get recovered
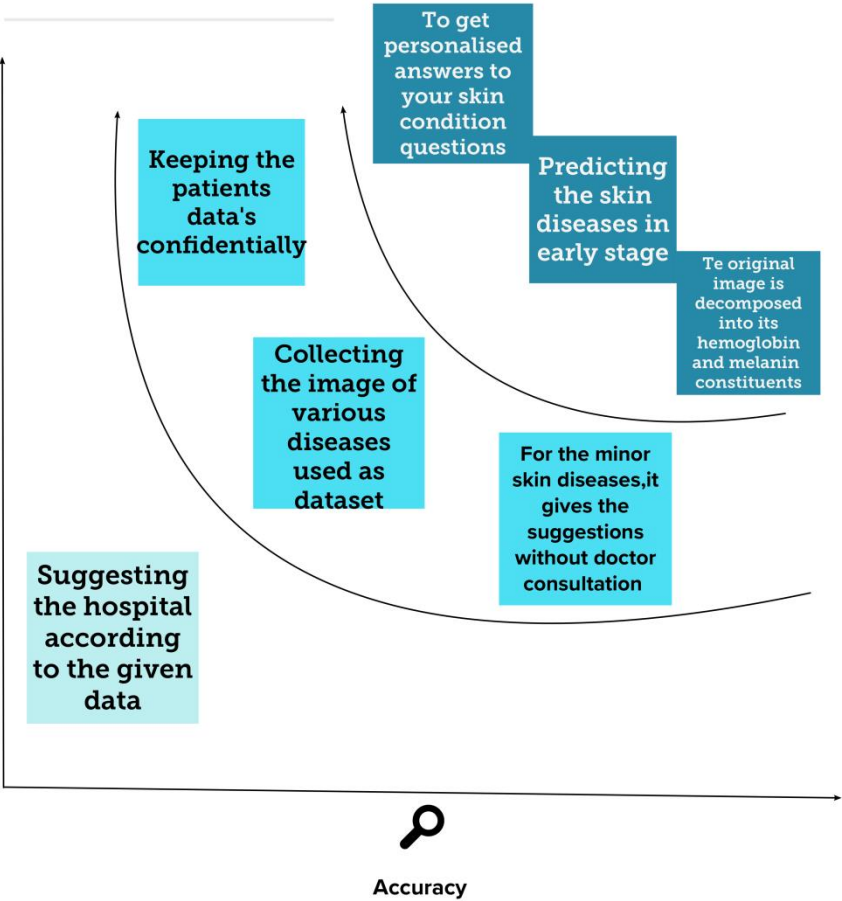
Step-3: Idea Prioritization

4

Idea Prioritation

Give each person two icons to vote which idea should your team focus on.

⏱ 5 minutes

Importance

Accuracy

To get personalised answers to your skin condition questions

Keeping the patients data's confidentially

Predicting the skin diseases in early stage

Te original image is decomposed into its hemoglobin and melanin constituents

Collecting the image of various diseases used as dataset

For the minor skin diseases,it gives the suggestions without doctor consultation

Suggesting the hospital according to the given data