

Ideation Phase
AI-Based Localization and Classification Of Skin Disease With Erythema

Date	19 September 2022
Team ID	PNT2022TMID13597
Project Name	AI-Based Localization and Classification Of Skin Disease With Erythema
Industry Mentor Name	Sri Tulasi
Faculty Mentor Name	T Rajasekaran
Team Members Name	1) Karthika N 2) Mathivathani N 3) Narmadha S 4) Preethi Akshaya R
Maximum Marks	4 Marks

Steps for Brainstorming:

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

Step 2: Brainstorm, Idea Listing and Grouping

Step 3: Idea Prioritization



AI-BASED LOCALIZATION AND CLASSIFICATION OF SKIN DISEASE WITH ERYTHEMA

This is used for the prevention and early detection of skin cancer, and psoriasis. Basically, skin disease diagnosis depends on different characteristics like color, shape, texture, etc. Here the person can capture the images of skin and then the image will be sent to the trained model. The model analyses the image and detects whether the person is having skin disease or not.



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



Before you collaborate

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

Now a day's people are suffering from skin diseases. It is rapidly increasing over the last few decades especially Melanoma is most diversifying skin cancer. To overcome the above problem we are building a model which is used for the prevention and early detection of skin cancer, psoriasis. Basically, skin disease diagnosis depends on the different characteristics like colour, shape, texture, and etc. The person can capture the images of skin and then the image will be sent the trained model. The model analyses the image and detect whether the person is having skin disease or not.

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

Brainstorm

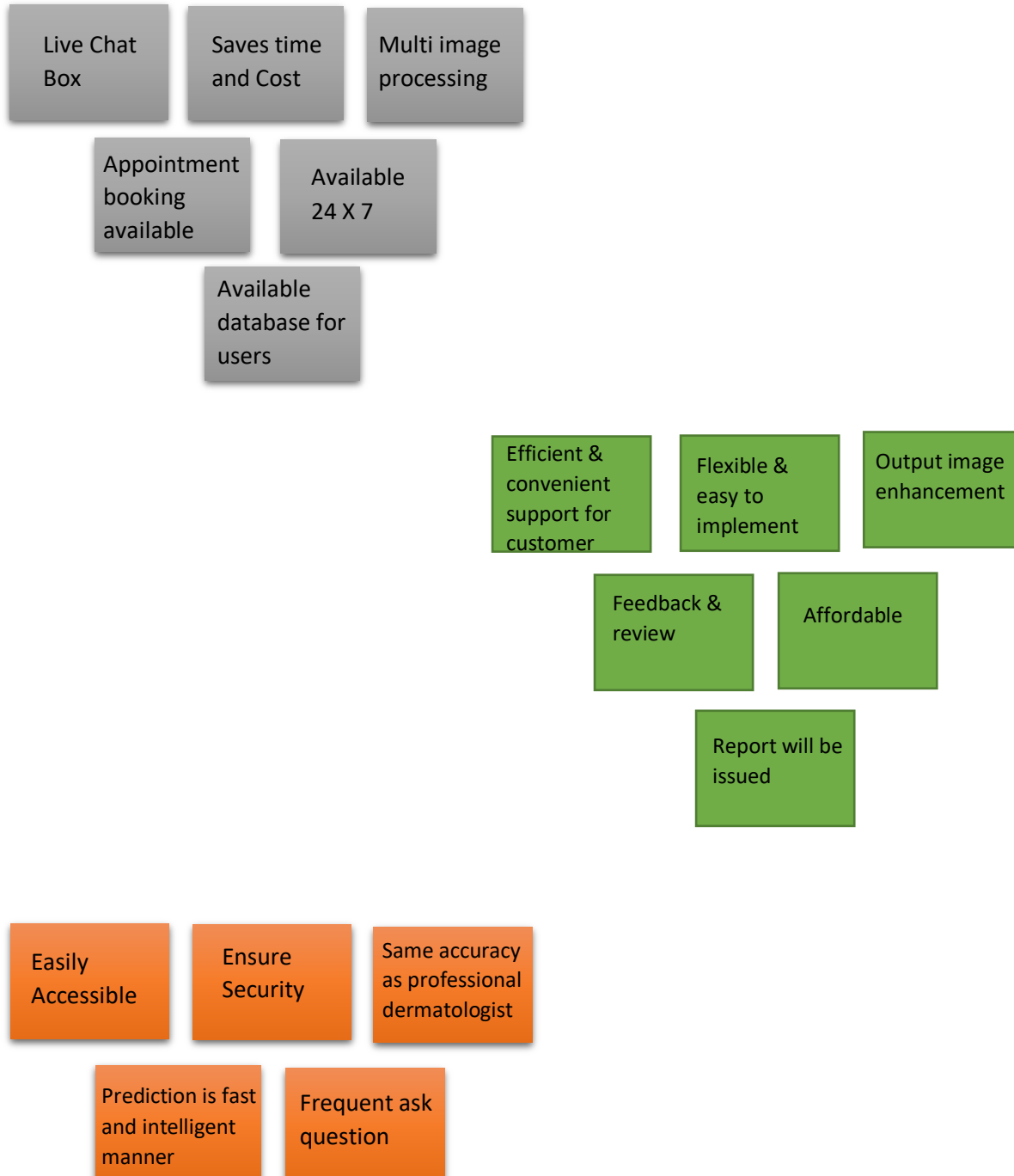
Write down any ideas that come to mind that address your problem statement.

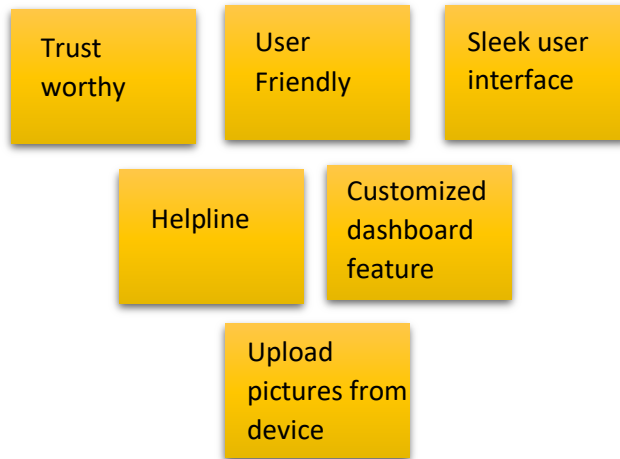


10 minutes

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!



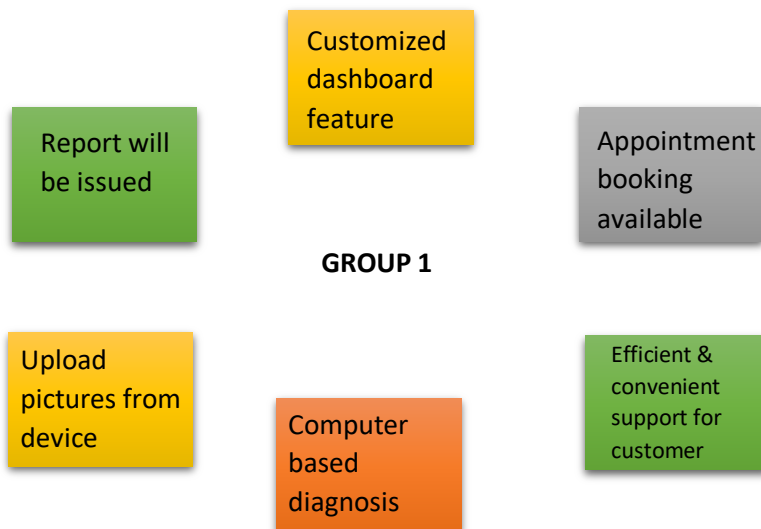


3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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



Same accuracy
as professional
dermatologist

Multiimage
processing

Output image
enhancement

GROUP 2

Flexible
and easy to
implement

Prediction is
fast and
intelligent
manner

Available
24 X 7

User
Friendly

Available
database for
User

Saves time
and cost

GROUP 3

Affordable

Sleek User
interface

Easily
accessible

Trustworthy

Feedback and
Review

Ensure
Security

GROUP 4

Live chat
bot

Helpline

Frequent
Ask
Question

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 emails, 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 →](#)

 [Share template feedback](#)

