



## AI BASED LOCALIZATION AND CLASSIFICATION OF SKIN DISEASE WITH ERYTHEMA

This 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 etc. Here 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.

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

- Team gathering  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
  - Set the goal  
Think about the problem you'll be focusing on solving in the brainstorming session.
  - 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

#### 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 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 an smooth and productive session

Stay in topic.

Defer judgment.

Go for volume.

Encourage wild ideas.

Listen to others.

If possible, be visual.

### Brainstorm

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

10 minutes

Live Chat Box  
Saves time and Cost  
Multi image processing  
Appointment Booking Available  
Available 24/7  
Available database for users

Easily accessible  
Ensure security  
Same accuracy as professional dermatologist  
Prediction is fast and intelligent manner  
Frequent Ask Question  
Computer based diagnosis

Efficient & convenient customer support  
Flexible and easy to implement  
Output image enhancement  
Feedback & review  
Affordable  
Report will be issued

Trust worthy  
User friendly  
Sleek user interface  
Helpline  
Customized dashboard feature  
Upload pictures from device

### 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

#### Group 1

Reports will be issued  
Customised dashboard  
Appointment Booking  
Same accuracy as professional dermatologist  
Flexible and easy to implement  
Efficient and convenient customer support  
Upload pictures from device  
Computer-based diagnosis

#### Group 3

Available database for User  
User Friendly  
Saves time and cost  
Affordable  
Sleek User interface  
Easily accessible

#### Group 2

Multimage processing  
Output image enhancement  
Available 24/7  
prediction is fast and intelligent  
Flexible and easy to implement

#### Group 4

Trustworthy  
Ensure Security  
Frequent Ask Question  
Helpline

### 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



**Importance**  
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

**Feasibility**  
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

### 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

- Share the mural  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- 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

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