

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	25 October 2023
Team ID	592988
Project Name	Disease Prediction Using Machine Learning
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 number 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

**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
- 3-8 people recommended

**Before you collaborate**

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

10 minutes

- Team gathering**  
Reganula "Necda" Ruchira  
Sanya Venkatescu  
Kobun Kamikawa Gopala Ashwin  
Laur Schottova
- 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](#)

**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 can we predict the disease by knowing the symptoms and this model can be helpful for both users (patients) and the doctors?

**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



**Need some inspiration?**

Use a detailed version of this template to track your work

[Open template](#)

## 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 sticky note and hit the pencil (switch to sketch) icon to start drawing!

#### Repekula Yaseeda Rushithe

Developed an user friendly interface so that the patients can easily detect their disease with their symptoms as inputs to the model.

This model will save the time of the doctor consultation and can directly get into the further treatment.

Healthcare providers, pharmaceutical companies improves their efficiency of their operations to reduce the cost by using this model.

#### Sreya Yaramaddu

This will help the medical sector especially the doctors to easily detect the disease in a instance of time.

Anyone with earlier symptoms can also give them as inputs to the model which gives the severity of the disease which helps the patient to go for further treatment.

This model can be used to detect diseases anytime and anywhere no matter to whom it is being tested on.

#### Kelluri Karthikeya Gopala Abhinav

The model should cover all the mild to severe symptoms so that the prediction is accurate to their actual health problem.

The doctors must trust the model and must trust the patients according to the disease that has been predicted so that there won't be any confusion and this way.

There must be proper security and confidentiality of the user's selected symptoms and their health status.

#### Luv Sachdeva

It can reduce the chances of misdiagnosis by providing doctors with additional data.

Models can aid in the early detection of diseases, potentially saving lives by identifying health issues before they become severe.

It will be useful to the users if the doctor if there is a database history of the usage of this model like when was the last time they used it and what was they diagnosed with.



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## 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

### TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your model.

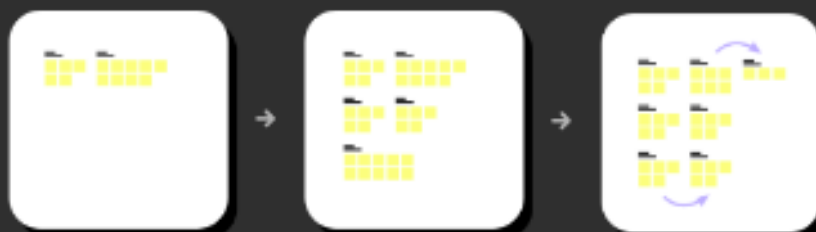
Develop an user friendly interface so that the patients can easily detect their disease with their symptoms as inputs to the model.

Anyone with certain symptoms can also give them as inputs to the model which gives the severity of the disease which helps the patient to go for further treatment.

There must be proper security and confidentiality of the user's selected symptoms and their health status.

The model should cover all the mild to severe symptoms so that the prediction is accurate to their actual health problem.

It will be useful to the users and the doctor if there is a database/ history of the usage of this model like when was the last time they used it and what was they diagnosed with.



## Step-3: Idea Prioritization

4

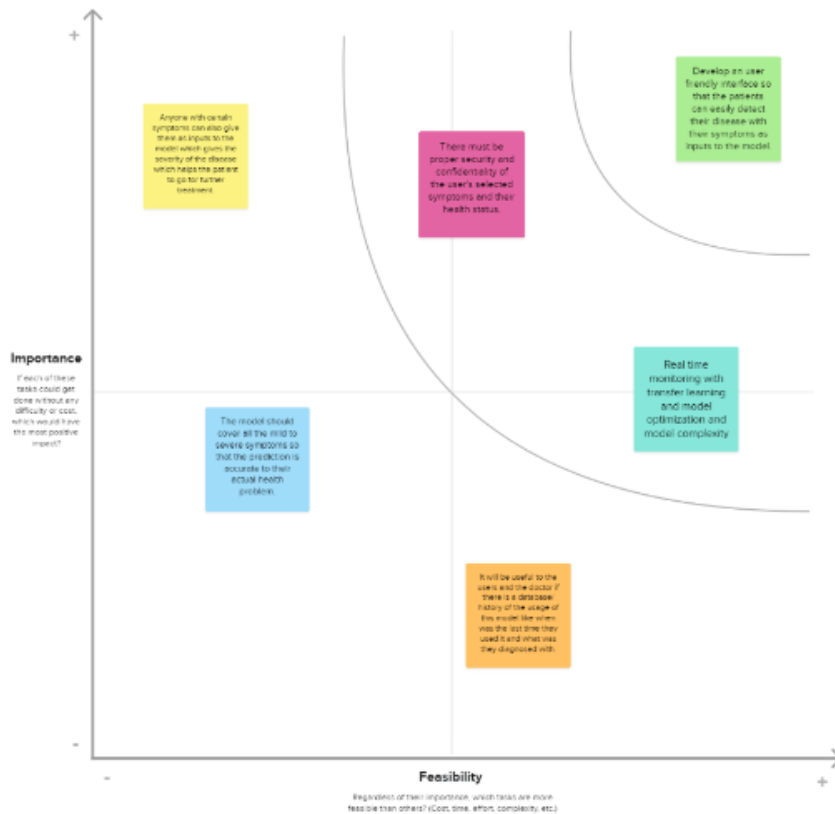
### Prioritize

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

#### TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the spacebar/holding the **H** key on the keyboard.



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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

- 1. **Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- 2. **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

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

[Share template feedback](#)



Mural link:

<https://app.mural.co/t/diseasepredictionaiml2290/m/diseasepredictionaiml2290/1698067739026/516cc2b926b3e7e648e3c74642f0229410a592e2?sender=u3911e116949ee235868e0755>