


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	13 October 2022
Team ID	PNT2022TMID32703
Project Name	Project –Visualising and predicting heart diseases with an interactive dashboard
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](#) →

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 STATEMENT

There are a lot of people who loose their lives due to various heart diseases. Lack of awareness and ignorance of the early symptoms are the major underlying causes. Predicting the occurrence of heart diseases before the patient gets affected entirely, can be highly beneficial as it can even save lives. Hence, the prediction of heart diseases is done with an interactive dashboard.

Key rules of brainstorming

To run an 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?

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

[Open example](#) →

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes

Person 1 - Brundashree R

Not all people's body types are the same.

The predictions can even be affected by the person's personal circumstances.

Environmental conditions can also affect the tests on the user.

Person 3 - Manashi V J

The predictions can sometimes be inaccurate.

Early symptoms must be listed in brief.

Inaccuracies in the data set can cause issues in prediction.

Person 2 - R. Kawshika

The data from the tests done by the user can be inaccurate.

The data given by the user can contain inaccuracies.

The test equipments used for testing can be faulty.

Person 4 - Madhumitha R

Not all the details necessary for the prediction will be available on the user's side.

There can be variations in the parameters considered for prediction according to each body.

The model can produce more than one answer with the same probability.

TIP
You can select a sticky note and all the pencil switches to switch from 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

Causes of Inaccuracies in prediction

The data given by the user can contain inaccuracies.

Inaccuracies in the data set can cause issues in prediction.

The data from the tests done by the user can be inaccurate.

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

Factors that affect the prediction

The predictions can even be affected by the person's personal circumstances.

Not all the details necessary for the prediction will be available on the user's side.

The model can predict more than one disease with the same probability.

There can be variations in the parameters considered for prediction according to each body.

Factors that affect the data

The test equipments used for testing can be faulty.

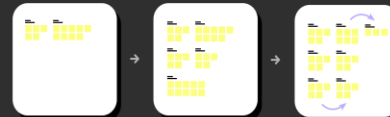
Environmental conditions can also affect the tests on the user.

Factors that should be included in the prediction

Early symptoms must be listed in brief.

Not all people's body types are the same.

The predictions can sometimes be inaccurate.



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

