

# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID38683
Project Name	Visualizing and predicting heart diseases with an interactive dashboard
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://app.mural.co/invitation/mural/heartdiseasesprediction6873/1664013464220?sender=u42b5a18d4718ddded5472095&key=b58efa10-6473-4fed-8d34-b974af885f33>

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



## 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

**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

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**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

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**PROBLEM**  
How might we [your problem statement]?



### 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.

## 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!

#### Person 1

USE  
DASHBOARD TO  
PREDICT THE  
HEART DISEASES

SMARTWATCHES  
ARE THE EASY  
WAY TO PREDICT  
HEART DISEASES

PREDICT HEART  
DISEASES FROM  
KARLE DATA  
SET

#### Person 2

used machine  
learning to predict  
the risk of a patient  
suffering from  
cardiovascular  
disease

using logistic  
regression

predict heart  
diseases by  
app for i mac  
products

#### Person 3

prediction of heart  
disease is a well  
researched & well  
different techniques  
and methods

Heart disease is  
the leading  
cause of death  
in the world

The term "Heart  
disease" refers  
to several types  
of heart disease

An efficient  
Machine Learning  
algorithm gives  
more accuracy

#### Person 4

image  
segmentation  
digital image  
processing

template  
machine in  
image  
processing

used in many  
literature  
contributions

used to  
machine  
learning and  
deep learning

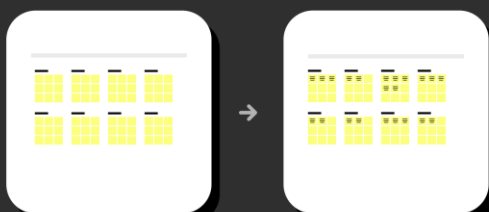
#### Person 5

by  
developing  
a web  
application

by creating  
a dashboard

by using  
smart  
watches

by using  
deep  
learning



## Step-3: Idea Prioritization

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### 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

