

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	17 September 2022
Team ID	PNT2022TMID39449
Project Name	Visualizing And Predicting Heart Diseases With An Interactive Dash Board
Maximum Marks	4 Marks

## Brainstorm & Idea Prioritization Template:

## 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

### 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

The major challenge in heart disease is its detection. Early detection of cardiac disease can decrease the mortality rate and over all complications. since we have a good amount of data in today's world we can use various analytics to analyze the data for hidden pattern.

#### 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 select) icon to start drawing!

Person 1

By using smart watches we measure heart rates and we can store in cloud

Maintain regular exercise and healthy food diet to avoid heart diseases

After a certain period of interval, go for regular health checkup

Person 2

Heavy drinking and smoking/smoking of items are bad for your heart

Unusual swelling in the legs, feet, hands or abdomen are the symptoms of heart disease

Extreme stress can cause trigger of your heart

Person 3

For reducing cholesterol the items are they are conducting system arteries we make it lower than, more for our cholesterol items

Many smart sensors are available to predict heart rates

Person 4

Being over weight or obesity causes heart attack

Having high cholesterol and blood pressure leads to heart disease

You have a greater risk if you have a close family member who has heart disease at early age

Being overweight, especially around the middle of the body increases the risk of heart disease

Managing diabetes, having diabetes double your risk of diabetic heart disease

Having a family history of Diabetes risk is increased if you have a close relation under the age 10 as a female having a close family history of Diabetes risk is increased

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Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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 mind.

Finally maintaining healthy food habits,controlling blood pressure can avoid heart disease

Whenever the person feels like chest pressure or swelling, the person immediately rush out to the hospital to prevents from heart disease

Based on analytics we can analyze which patients are most likely to suffer from heart disease in the near future

Based on the patient details we will take decisions to cure them

## 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

