

# IDEATION PHASE

## BRAINSTORM & IDEA PRIORITIZATION TEMPLATE

Date	14 September 2022
Team ID	PNT2022TMID54045
Project Name	Visualizing 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

Visualizing and Predicting  
Heart Diseases with an  
Interactive Dash Board

🕒 20 minutes

🕒 1 hour

👤 4 people

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### 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 leading cause of death in the developed world is heart disease.

Therefore, there needs to be work done to help prevent the risks of having a heart attack or stroke.



#### 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.

## 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

#### Kamaludeen S

To analyze the diet plan

Keep track on strokes, stress BP, sleep fitness.

To analyze the previous history of patient

To spread the use of technology in medicines to all the people

Real time regular screening

#### Abhishek Periasamy

Always take proper checkup on time

Doctor consultancy 24/7 support

To analyse the age group of the patients having heart disease

To learn about the types of heart diseases

Real time visual analysis of patients data and behaviours

#### Manoj Godwin M

Oral health and physical maintainance

Special care for genetic heart disease

To develop more resources for better precision

A deep knowledge about causes of heart disease is required

Remainder for medication to avoid risks

#### Mukunthan Muthuraj

Healthy food practices advices for prevention

Heart rate, Blood sugar level, Cholestral prediction

To make use of the efficient data to predict more accurately

To learn about factors which causes heart disease

Compatible With any device (user friendly)

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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

#### Remedies

Healthy food practices advices for prevention

To analyze the diet plan

Always take proper checkup on time

Oral health and physical maintainance

#### Educating

To learn about the types of heart diseases

To spread the use of technology in medicines to all the people

A deep knowledge about causes of heart disease is required

To learn about factors which causes heart disease

#### Patient Monitor

Real time regular screening

Real time visual analysis of patients data and behaviours

Regular monitoring and updation of data

Remainder for medication to avoid risks

#### Required data

To develop more resources for better precision

To make use of the efficient data to predict more accurately

To analyze the previous history of patient

To analyse the age group of the patients having heart disease

#### Health support

Heart rate, Blood sugar level, Cholestral prediction

Doctor consultancy 24/7 support

Special care for genetic heart disease

Keep track on strokes, stress BP, sleep fitness.

## 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

