


# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	17 September 2022
Team ID	PNT2022TMID41315
Project Name	Classification of Arrhythmia by using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	4 Marks

### 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
- 2-6 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 as 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 outline

#### 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 might we [your problem statement]?  
The electrocardiogram (ECG) is one of the most extensively employed signals used in the diagnosis and prediction of cardiovascular diseases (CVDs). The ECG signals can capture the heart's rhythmic irregularities, commonly known as arrhythmias. A careful study of ECG signals is crucial for precise diagnosis of patients' acute and chronic heart conditions. In this study we propose a two-dimensional

##### Key rules of brainstorming

To run an on-site and productive session

- Stay in topic.
- Defers judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, see about.

## Step-2: Brainstorm, Idea Listing and Grouping

[illegible]

### Step-3: Idea Prioritization

[illegible]