

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	13 October 2022
Team ID	PTN2022TMID03593
Project Name	Project - 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

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

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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](#) →

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

How might we (your problem statement)?

The primary goal of our study is to categorize arrhythmia clearly by size of origin and address users of its risks and consequences. Due to considerable spontaneous variability, there is a need for a classification of arrhythmia as a basis for accurate and robust decision making. This model is used to detect arrhythmia at an early stage and/or give consumers risk management advice. Early detection allows us to take preventive measures to more accurately treat patients.

Key rules of brainstorming

To run a smooth and productive session

🗣️ Stay in topic.

👂 Listen to others.

🚫 Defer judgment.

🗨️ Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ If possible, be visual.



Need some inspiration?

See a finished version of this template to bootstrap your work.

[Open example](#) →

Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

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

10 minutes

Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

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

Retrospective

What went well... What didn't went well... Action

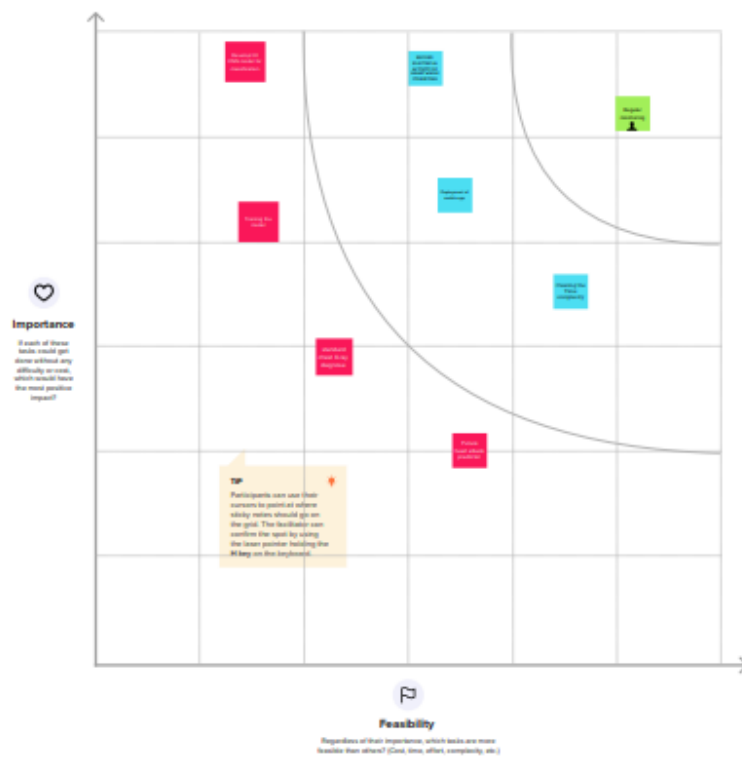
Step-3: Idea Prioritization

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



5

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

- Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or store in your drive.

Keep moving forward

- Strategy blueprint**
Define the components of a new idea or strategy.
[Open the template](#)
- Customer experience journey map**
Understand customer needs, motivations, and obstacles for an experience.
[Open the template](#)
- Strengths, weaknesses, opportunities & threats**
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
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