

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	15 October 2022
Team ID	PNT2022TMID30616
Project Name	Gas Leakage Monitoring and Alerting System for Industries
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.

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

- 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

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

2

Brainstorm

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

10 minutes

Abita

www.gutenberg.org/files/10000/10000-h/10000-h.htm

daily
agencies in
Europe

forensic
/fɔːrɪns/ must
be kept
cool

remotely
control the
brigade

Aiswarya

improving quality of material in order to give more strength

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read about
get out
open a new
with me
of biology

1. **Identify the problem.**
 2. **Identify the cause.**
 3. **Identify the effect.**
 4. **Identify the solution.**

Bindhu Mathi

production of sports in the park industry

are
connected
with a
solid line
industry

Improving safety
every day for
everyone

Gayathri

get around
read using
reading
tutor

cover the pipeline with
withstanding
material

do not feel
light
enough

don't fire workers by letter or all equipment

3

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

initial effort to identify and alert systems in route which was origin of toxic gas

place the workers by
buzzer in all
department

by using your vacuum trigger a shift. If the shift is not made, a warning light will come on.

Improve quality of material by which companies progress through

cover the pipeline with withstanding material

by total shooting product which details have got

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

