

## Ideation Phase


### Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID28572
Project Name	Hazardous Area Monitoring for Industrial Plant Powered By IoT
Maximum Marks	4 Marks

#### Brainstorm & Idea Prioritization Template:


##### Step-1: Team Gathering, Collaboration and Select the Problem Statement


template




## Brainstorm & idea prioritization


Project Name  
Hazardous Area Monitoring for  
Industrial Plant powered by IoT

 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

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](#) →

Team ID - PNT2022TMID28572

Team Details

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

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

Hazardous Area  
Monitoring  
for  
Industrial Plant  
powered by IoT



#### 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.

2

### 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 sketch] icon to start drawing!

#### Praveen M

Power consumption control	strategies in achieving robust nodes
Industrial parameter monitoring	Easy Remote Configuration

#### Tavasi B

Minimizing the risk of hazardous	Performing real time tracking
Temperature Control	Ensuring the security among the systems

#### Harini P

Maintaining Databases	Wireless Communication Between location devices
Describing Effective Measures	Managing Sensor Activities

#### Ganesh P

Verifying Accuracy	Wearable Device
System Designing	Analysing Device Lifetime

#### Thirugnana Sampantham N

Mobile app Development	Device Maintenance
Pushing Notifications to mobile	Suggesting Improvements in system Design

## 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

