

## Ideation Phase

### Brainstorm&Idea Prioritization Template

Date	25 September 2022
Team ID	PNT2022TMID13542
Project Name	Hazardous area monitoring system for industrial plant powered by iot
Maximum Marks	2 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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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

The screenshot displays a user interface for a 'Brainstorm & idea prioritization' template. On the left, there's a sidebar with a lightbulb icon and a wavy line, containing text about using the template for brainstorming sessions. It also lists preparation time (10 minutes), session duration (1 hour), and recommended participants (2-8 people).

The main content area is divided into three vertical sections:

- Before you collaborate:** This section includes a 'Team gathering' step (10 minutes) where participants define who should join and share relevant info. It also includes a 'Set the goal' step (10 minutes) where participants think about the problem they'll solve. A 'Learn how to use the facilitation tools' link is provided.
- Define your problem statement:** This section starts with a 'Define your problem statement' step (5 minutes) where participants frame their problem as a 'How Might We' statement. A box labeled 'PROBLEM' contains the placeholder 'How might we [your problem statement]?'
- Key rules of brainstorming:** This section lists six rules with corresponding icons:
  - 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

**TIP**  
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

**3**

**Group ideas**

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

**TIP**  
Add customizable tags to sticky notes to make it easier to find, review, organize, and categorize important ideas as themes within your mind.

## Step-3: Idea Prioritization



## 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

