

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID46768
Project Name	GAS MONITERING AND ALERTING SYSTEM FOR INDUSTRIES
Maximum Marks	4 Marks

1 Brainstorm

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

10 minutes

Team

The team members who participated in the brainstorming session.

B. PRETHISHA

1. Gas leak detection system using IoT sensors.

2. Real-time gas concentration monitoring.

3. Automated gas shut-off valve.

4. Mobile app for gas leak alerts.

5. Integration with existing industrial safety systems.

6. Use of machine learning for gas leak prediction.

7. Gas leak detection using drones.

8. Gas leak detection using thermal imaging.

9. Gas leak detection using acoustic sensors.

10. Gas leak detection using gas sniffers.

G. GOKRABASE

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K. KAMAYANAN

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R. SRIDEVI

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2 Group Ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, you each cluster a sentence-like idea. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

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Prevention

Prevent gas leaks from occurring in the first place.

Detection

Detect gas leaks as early as possible.

Alerting

Alert the appropriate authorities in a timely manner.

Gas Leakage

Gas leakage is a major concern in industries.

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3 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

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Importance

How important is the idea to the team?

Feasibility

How feasible is the idea to the team?

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