

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID38202
Project Name	Gas Leakage Monitoring and Alerting system
Maximum Marks	4 Marks

Brainstorm & Idea prioritization

Use this template to your own brainstorming sessions as your team conceptualize their imagination and start thinking concepts even if you're not sitting in the same room.

1. No limits to ideas
2. No bad ideas
3. No time limit

0 Before you collaborate

A handful of questions to ask your team before you start brainstorming. The better the answers, the better the results.

1. What is the problem you are trying to solve?
2. What is the goal of your project?
3. What is the scope of your project?

1 Define your problem statement

Write a clear and concise statement of the problem you are trying to solve. This will help you focus your brainstorming efforts.

PROBLEM

Gas leakage detection is a critical safety issue in homes and businesses. It is a major cause of fires and explosions, and can lead to serious health problems. Current gas leakage detection systems are often unreliable and can be difficult to use. There is a need for a more reliable and user-friendly gas leakage detection system.

2 Brainstorm

Write down all the ideas you can think of, no matter how silly or impractical they may seem. The more ideas you have, the better your chances of finding a solution.

LOGADEEPK

The leakage of gas should be stopped as time.

Instant alarm and alerts.

Easy to access and operate.

Messages send to the users.

VENKATESH M

Real time updates.

User friendly.

Low operating cost.

It is very useful in industries & households.

YADESH J

Small in size.

Automation detection system.

Robust production.

Reliable information.

VENKATESH M

Proper maintenance should be done.

Frequent checking.

Save life and happiness.

Alerting through the sound alarm / buzzer.

3 Group ideas

Write down all the ideas you can think of, no matter how silly or impractical they may seem. The more ideas you have, the better your chances of finding a solution.

USER IDENTITY

Alerting through the sound alarm.

Messages send to the concerned users.

TECHNOLOGY

IoT Effective utilization of Sensors.

ADVANTAGES

It is very useful in industries & household.

Save time & happiness.

Automation detection system.

4 Prioritize

Write down all the ideas you can think of, no matter how silly or impractical they may seem. The more ideas you have, the better your chances of finding a solution.