Template

Brainstorm & Idea Prioritization

For Hazardous area monitoring for Industrial Plants powered by IOT.

10 minutes to prepare
1 hour to collaborate
2-8 people recommended

Share template feedback

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

What are the necessary features needed to be included for Hazardous area monitoring?

PROBLEM

How are we going to implement these features with minimal costs?

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!

Manoj Kumar

- Indication of high temperature in hazardous areas
- Alerting the public in case of emergency
- The workers can be alerted by the device itself
- The temperature range of the device must be studied

Karthick

- The control setup range must be fixed
- LORA communication seems to be the best option
- The device can be fixed with ID cards of employees

Karthikeyan

- Use a temperature sensor that is light in weight
- Use a gas sensor to sense the presence of hazardous gases
- This must interfaced with a Industry standard Microcontroller
- The Microcontroller must light in weight

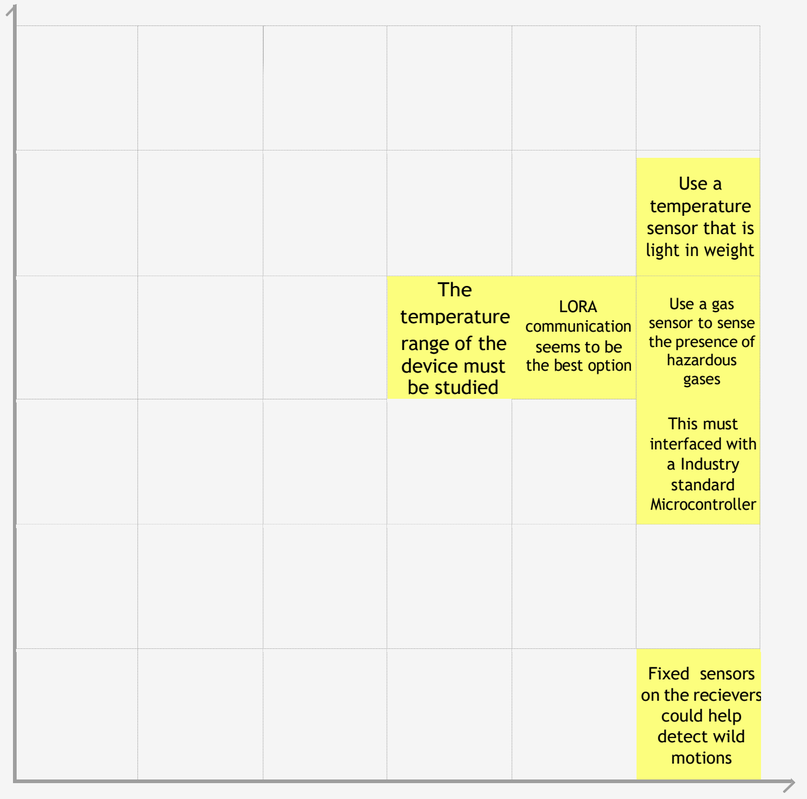
Manobharath

- Monitoring of motors in hazardous areas using sensors
- Fixed sensors on the recievers could help detect wild motions
- Its better to embed only 2 of the features for first phase

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



Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)