

# Brainstorm & Idea Prioritization

For Hazardous area monitoring for Industrial Plants powered by IOT.

- (L) 10 minutes to prepare
- 1 hour to collaborate
- **2-8 people** recommended

Share template feedback



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?

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**Brainstorm** 

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

① 10 minutes

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

## Bharani Kumar

Indication of high temperature in hazardous areas

lerting the public in case of mergency

The workers can be alerted by the device itself

The temperature range of the device must be studied

### Manibalan

| The control |   |
|-------------|---|
| setup range | ( |
| must be     | S |
| fixed       |   |
|             |   |

LORA
munication
is to be the
st option

The device can be fixed with ID cards of employees

a ature hat is veight

Use a gas isor to sense in presence of nazardous gases

Thilak

interfaced with a Industry standard Microcontroller

#### The Microcontrolle must light in weight

# Bhuvanesh

Monitoring of motors in hazardous areas using sensors

Fixed sensors on the recievers could help detect wild motions

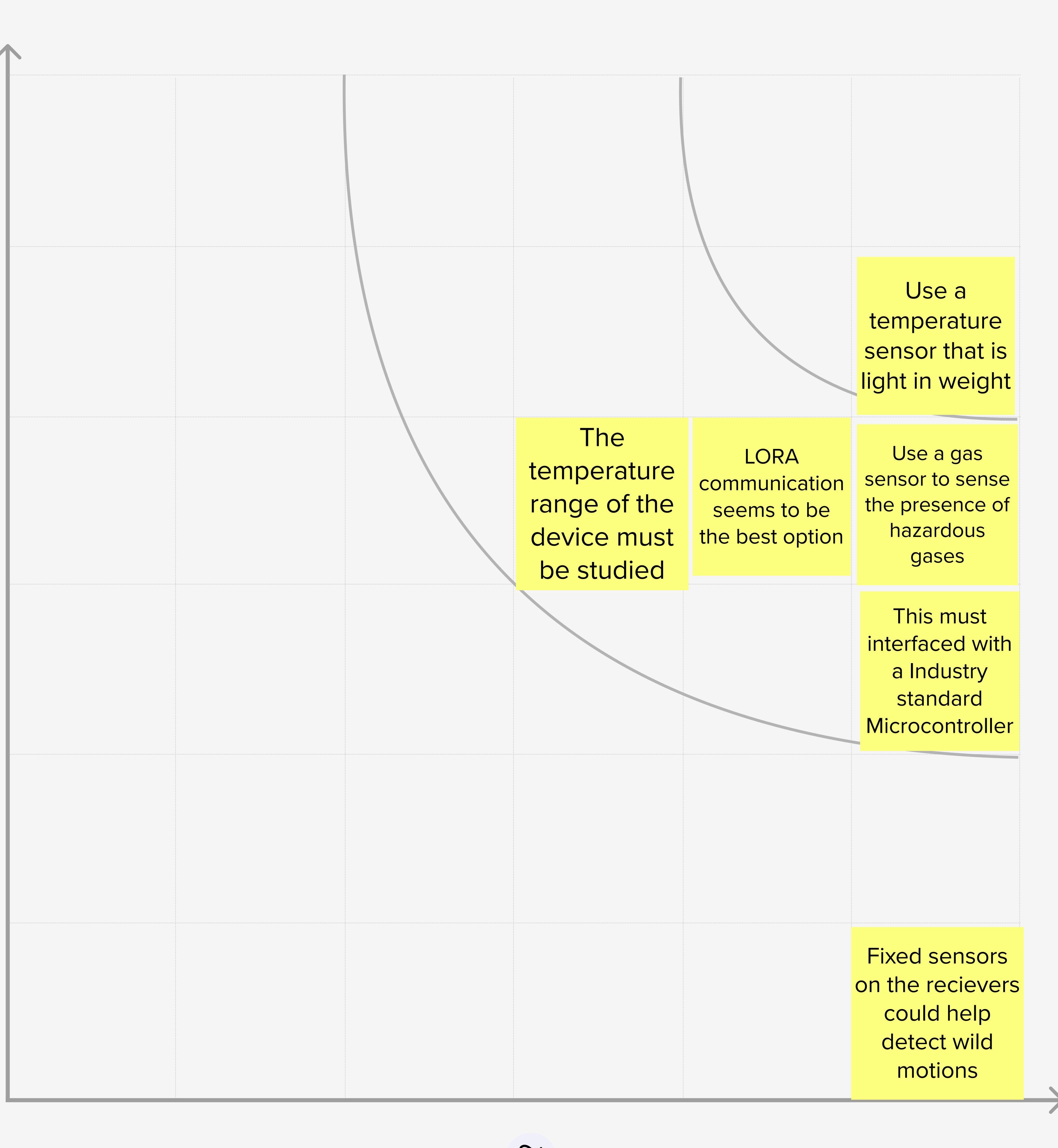
Its better to embed only 2 of the features for first phase



#### **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.

① 20 minutes





Regardless of their importance, which tasks are more