

Brainstorm & idea prioritization

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.

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

Share template feedback





Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

① 10 minutes

Team gathering

Set the goal

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

Think about the problem you'll be focusing on solving in

the brainstorming session.

Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.



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

How might we [your problem statement]?



Key rules of brainstorming

To run an smooth and productive session



Stay in topic.



Encourage wild ideas.



Defer judgment.



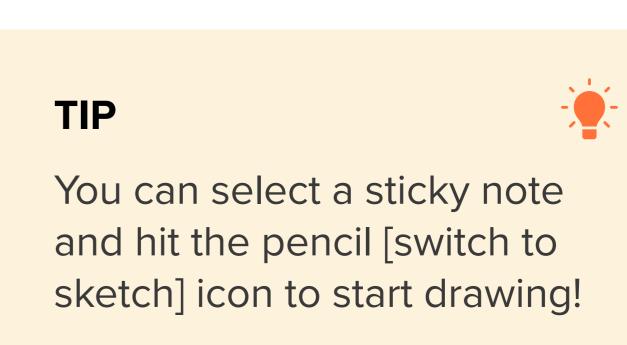
Listen to others.



Go for volume.



If possible, be visual.



Vijitha K.L

| Automatically dectect alert | To prevent large leakage | proper precautionary measurements |
|--|--|---|
| Atmoshere that undergoes chemical reaction | Use automatic door and window opening buzzer | Using the Arduino micro controller |

Vinisha .V

| Using GSM for gas leakage | Auto on-off gas system | Wireless transfer technique used |
|--|---------------------------|--|
| | | |
| Design and implementation of gas leakage security system | Use relay module | Easy control over the device like exhaust fan |

Subathra .M

| To construct embedded control system | Using portable and fixed types of gas leakage | Use sensing and counter electrode |
|---|--|-----------------------------------|
| Using wall mounted device fitted close to the | Monitering the leakage by the use of mobile app | Climate altering pollutants |

Sharmila V

| Use to electrochemical andinfrared sensor | Nodemcu IOT module | Air purifier fan and window exhaust |
|--|---------------------------------------|-------------------------------------|
| Using MQ | To avoid hazardous consequences | Used webserver |
| 135 module | like fire breakouts | for monitoring |

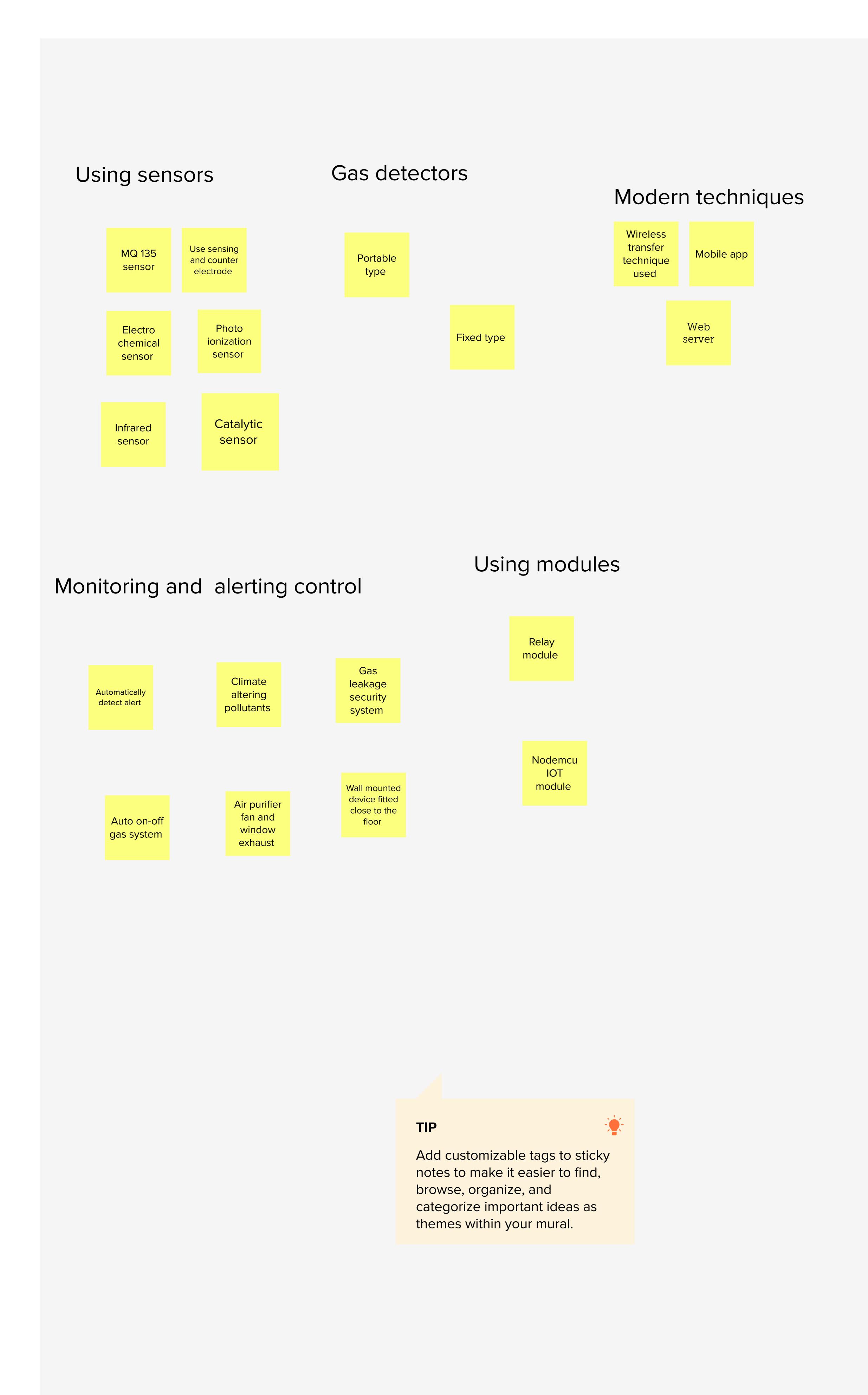


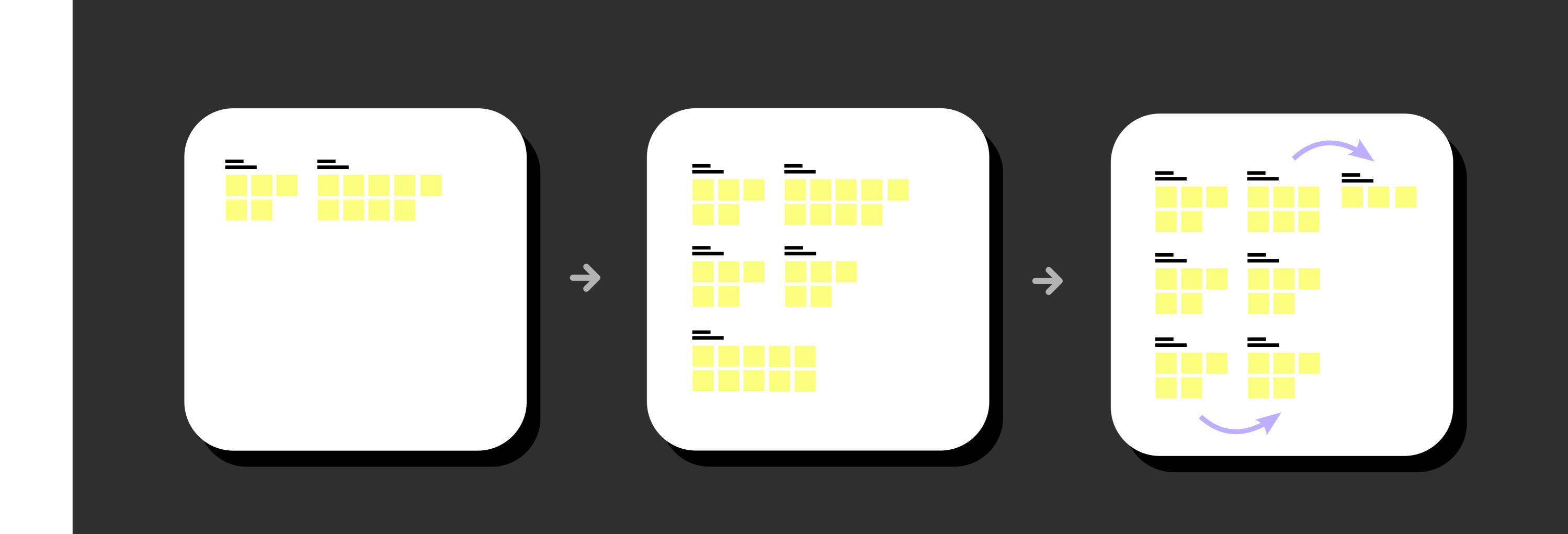


Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

① 20 minutes



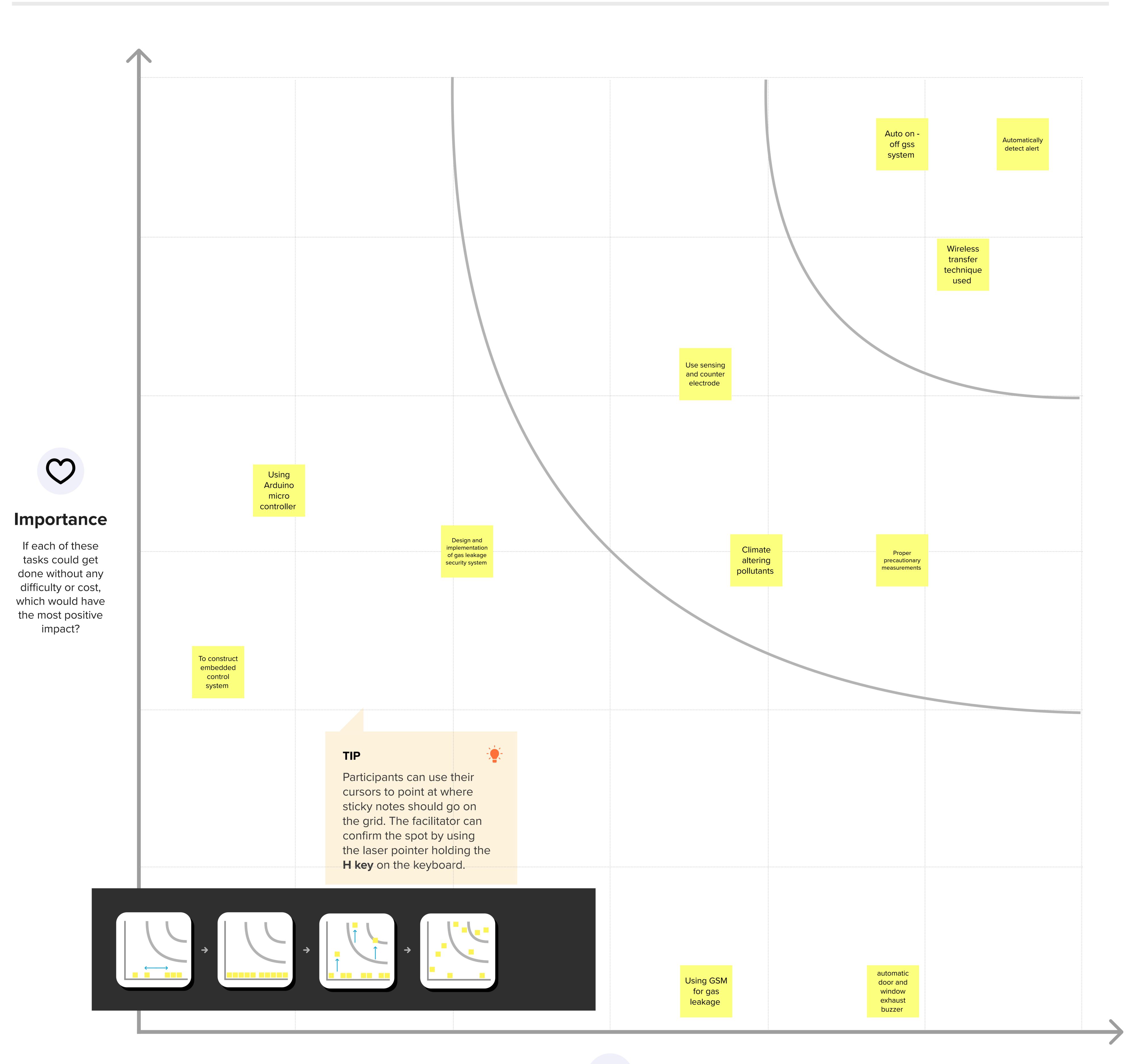




Prioritize

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





Feasibility

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