



# 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.

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

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## 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.

10 minutes



### Team gathering

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



### Set the goal

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.

Open article



## 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

The leakage of gases only can be detected by human nearby and if there are no human nearby, it cannot be detected. But sometimes it cannot be detected by human that has a low sense of smell. Thus, this system will help to detect the presence of gas leakage



### Key rules of brainstorming

To run a smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.



## Brainstorm

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

10 minutes

### P. VINAY KUMAR

catalytic combustion of the target gas in the sensor  
oxygen levels can impact oxidation efficiency  
Quick response and good selection used in city gas transmission  
Laser methane gas detector  
IR instruments detect simple mixtures

### P. JYOTHISH

Gas level monitor on using internet ESP8266  
IR gas cloud imaging is shown up video image in dark pixels  
Solid state sensing is a broad range of gases  
sensors require a minimum oxygen level  
More compatible development environments

### P. BALAJI

portable radon detector that is battery operated  
Explosive Gas Detector also comes highly recommended.  
Carbon monoxide from a leaking appliance or a vehicle engine  
High concentration of radon in your basement or crawl space  
Flammable mixtures that can explode when exposed to open air

### R. JASWANTH VARMA

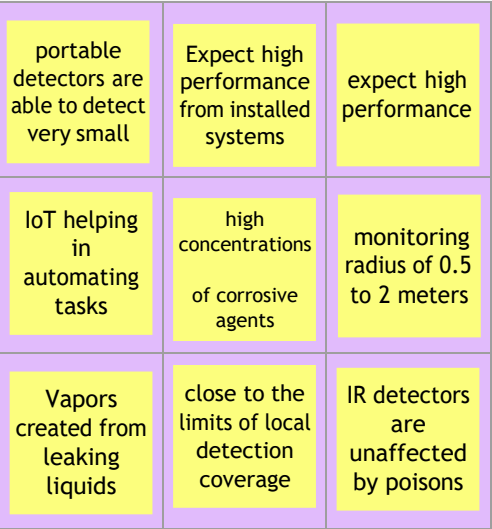
Embedded system for hazardous gas accurate detection  
Approximate consumption is indicated in terms of the total weight  
Auto on-off gas system appliance is generally economical, receiving type  
Immediately alert the consumer by sending SMS  
Security alert system using GSM



## Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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.

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.

20 minutes



## After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

### Quick add-ons



#### Share the mural

Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.



#### Export the mural

Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

### Keep moving forward



#### Strategy blueprint

Define the components of a new idea or strategy.

Open the template



#### Customer experience journey map

Understand customer needs, motivations, and obstacles for an experience.

Open the template

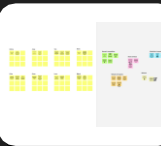


#### Strengths, weaknesses, opportunities & threats

Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

Open the template

Share template feedback



### Need some inspiration?

See a finished version of this template to kickstart your work.

Open example

