

# 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

**TEAM ID:PNT2022TMID28556** 



### 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**

**GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES** 



Key rules of brainstorming To run an smooth and productive session

Encourage wild ideas.



#### Brainstorm

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

① 10 minutes

Person 1			Pers	son 2			Person 3		
voice alert system	multisensor detector	fire gases detector	_	gration BMS	Flame Detectors	Alarm Aspiration Detection	Smoke Detectos	Buzzers	Supervise Gas Contro
Limit Risks with Remote Monitoring	Embrace Machine Learning	Prescriptive Maintenance	Dete and W	Gas ection Varning stem	Automatic Gas Control	Neuro- Fuzzy Interference System	Horns	Bells	Voice Drivers
Epilogue	Alarm Systems	Heat Detectors		-based ution	Laser Based Solution	Wireless Technologies	Sirens	Audible Alarm System	Sound Alarm



## 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.

20 minutes

#### Category:1

Voice Alert System	Audio System	Smoke Alarm Detection	Flame Detectors
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#### Category:2



#### Category:3



#### Category: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.

① 20 minutes

