

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



Define your problem statement

The Industry needs smart gas leakage detection and monitoring system so that the accidents due to gas leakage can be reduced to a lower scale and take certain measures to alert the workers/people.





2 Brainstorm

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

⊕ 10 minutes

Kowsalya P

Small amount of Gas Gas Sensor Leakage Management of Sensors over a large Alerting in case of gas Protection of Sensors Control the leakage Post accident

zigbee Alert connectivity Broadcast

Hemavarshini JP

SENSOR TO DETECT GAS LEAKAGE	ALARMING SYSTEM	SMART ALERTING
EVACUATING THE GAS LEAKED	CONNECTED SENSORS	5G COMMUNICATION
WIFI CONNECTED	ENOUGH VENTILATION	EARLY DETECTION

Devaraj S

Safe & Secure	Portability	Connectivity
Power Nanagement	Alarming & Alerting(SMS)	Automatic Patching of gas leakage
Compactness of Device	To whom the alert must be sent?	Service availability

Sivachandran M

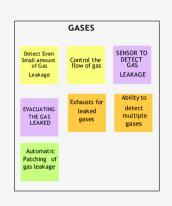
Exhausts for leaked gases	Testing of Application	Ability to detect multiple gases
Black box data recording	Friendly UI	Cloud Connectivity
Fire Extinguishing	Bluetooth Low Energy connection	Lifetime of product

3

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





CONNECTED EARLY SENSORS DETECTION CONNECTIVITY

Bluetooth Low Energy connection

SENSORS

over a large

ENOUGH VENTILATION Safe & Secure Power Service Management availability

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.

ტ 20 minutes





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



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