Brainstorm

& idea prioritization

# 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**

**A Team gathering**

# 1

**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**

**2**

**Brainstorm solo**



**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**

**STORING AND DISPLAYING**

USER

CLOUD

**NOTIFICATIONS**

**USER REGISTER**

**PREDICTION**

**FETCHING**

**FETCHING**

ANALYSIS

SENSOR

**CLUSTERING**

**TEMPERATURE**

**GAS**

**PIR SENSOR**

DATA SETS

DATA MINING

DATABASE

ANDROID APP

**TIP**

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Have each participant begin in the "solo brainstorm space" by silently brainstorming ideas and placing them into the template. This "silent-storming" avoids group-think and creates an inclusive environment for introverts and extroverts alike. Set a time limit. Encourage people to go for quantity.

**10 minutes**

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.

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

**B Set the goal**

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

**C Learn how to use the facilitation tools**

Use the Facilitation Superpowers to run a happy and

**Maanu Sri Durga K**

Monitoring

**Krishna Geetha S**

Monitoring through mobile

Monitoring the leakage of gas

**Sajithra Chandravathy S**

**Saparniga P**

productive session.

the

Detection Log data for

of gaseous all changes

E-waste

Real Time analysis of

Detection of Hazard

Control of

Improving the living

Investment of cheap

**10 minutes** to prepare

**Open article**

explosive

gases

waste

in

temperature

management

gas &

temperature

prone area

Temperature

standard

sensor

**1 hour** to collaborate

Deep field analysis with key factors

**PROBLEM**

1. To ensure more safety to the people working in hazardous area.
2. To help them monitor and ensure safety to the place they visit inside the industry more confidently.
3. Improving the living standard by providing real time analysis.

**2-8 people** recommended

Suggesting temperature cooling method

Keep the recorded updates in order for future use

Providing timely report update

Finding suitable replacements to maintain safety levels

Clarified personnel availability

Preventing accidents with sound planning & smart software

Accumulation of combustible materials

Motion detection is implemented in hazardous area

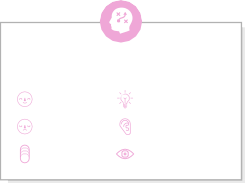
# Key rules of brainstorming

To run an smooth and productive session

Stay in topic. Defer judgment.

Encourage wild ideas. Listen to others.

Go for volume. If possible, be visual.



**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.

**After you collaborate**

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

**20 minutes**

**Quick add-ons**

**A Share the mural**

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

**B 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**

**Importance**

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

**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**

**Feasibility**

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

Maintaining proper data base.

Clarified personnel availability for proper doubt clarifications.

Preventing loss of lives by proper monitoring.

Suitable substitutes for safety levels.

Analysing the leakage of gas.

Providing timely update

Monitoring through mobile.

Analysing the temperature.

Creating an android app.

**Template**

**Share template feedback**