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

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
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 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

Industry-specific intelligent fire management system

Fire management systems are only effective if they can generate reliable and fast fire alerts with exact location of fire. There is a direct correlation between the amount of damage caused by fire and interventions time in various firealarm systems. As the time of intervention decreases, the damage also decreases. Hence the most important factor in a fire management system is the reaction or response time of the management system, that is, the time between the detection and extinguishing.

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

TIP You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

AARTHI E

- When gas leakage is detected exhaust fans and chimneys should be turned off
- Unavailability of access for fire officers and poor roads
- Human involvement activities are less
- Emergency alerts are notified to the authorities and fire stations

ABISHEK

- Arduino Board not synchronized
- Invalid device signature error
- Technique of fire Manipulation
- Destroy the valuable components

DINESHKUMAR V

- cannot used in high heat production area
- high vibration environment
- malwaer / corrupted system wiring
- nature of sensing coil

ABRAAR J

- Calibration drift in pressure sensor
- Sensor, smoke detection
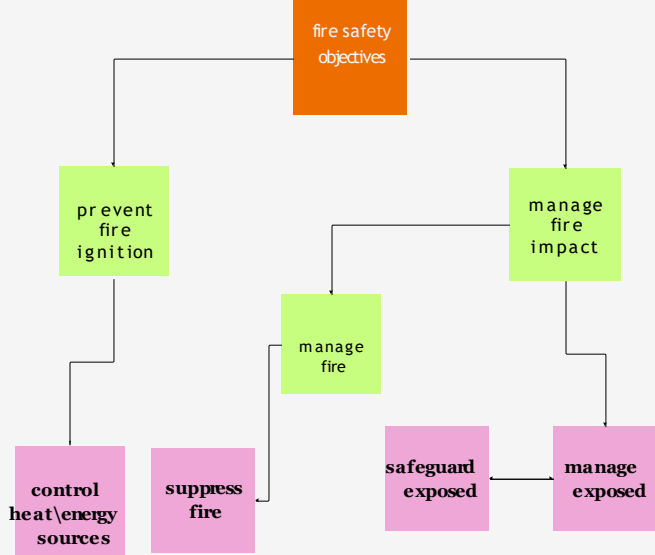- It is used for detect the fire
- It changes the new Arduino board

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 can break it up into smaller sub-groups.
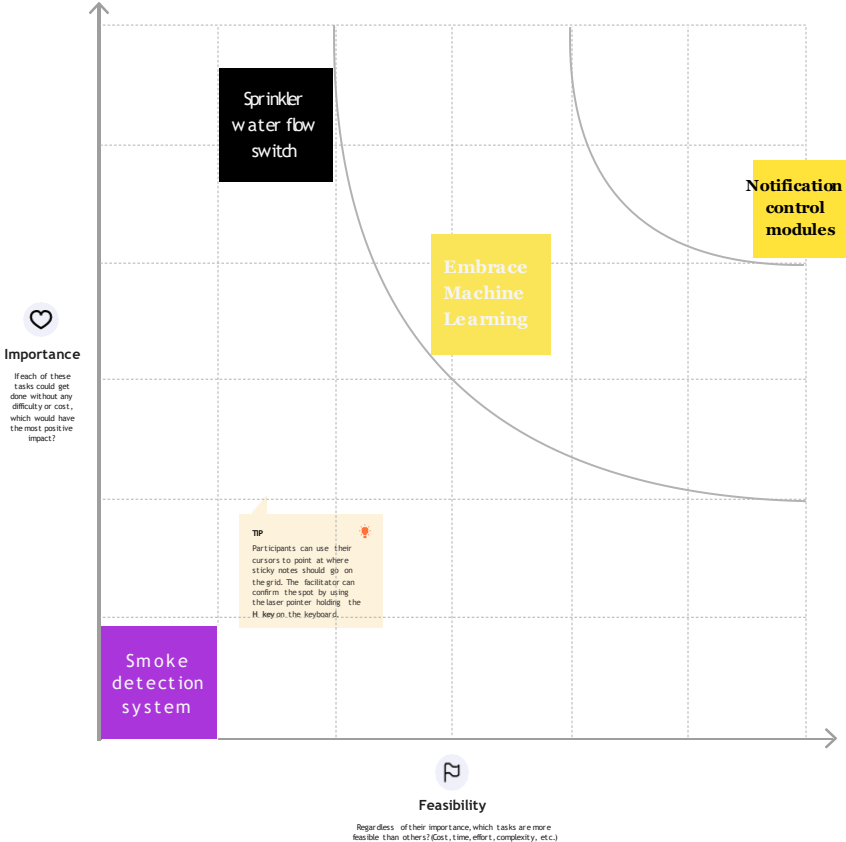
⏱ 20 minutes

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

- fire safety objectives
  - prevent fire ignition
    - control heat\energy sources
    - suppress fire
  - manage fire impact
    - manage fire
    - safeguard exposed
    - manage exposed

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

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

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

- Sprinkler water flow switch
- Notification control modules
- Embrace Machine Learning
- Smoke detection system

TIP Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

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 murals as 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 →

Need some inspiration?
See a finished version of this template to kickstart your work.