

IDEATION PHASE

BRAINSTORMING


TEAM ID:PNT2022TMID16047

BRAINSTORM AND IDEA PRIORITIZATION:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.




Step-1: Team Gathering, Collaboration and Select the Problem

Template




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

[Share template feedback](#)



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](#) →

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


PROBLEM


HOW TO MONITOR AND ALERT THE WORKERS ABOUT THE RISK OF TOXIC OR HAZARDOUS GAS PRESENT IN THE AREA?


**Key rules of brainstorming**


To run an smooth and productive session


 Stay in topic.

 Encourage wild ideas.

 Defer judgment.

 Listen to others.

 Go for volume.

 If possible, be visual.

STEP 2: Brainstorm,Idea Listing

2

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!

KEERTHANA P

USING
SMART
DEVICES TO
MONITOR
THE AREA

WEB APP FOR
MANAGING
AND
DISPLAYING
DATA

CONSTANT
MONITORING
24/7

ALERT
SHOULD BE
GIVEN
PROMPTLY TO
EVERYONE

KAYAL VIZHI V

WATERPROOF
WEARABLE
DEVICE

COMFORTBLE
TO WEAR

ADDITION OF
BLUETOOTH
BASED
MONITORING

PROVISION OF
ALERT WHEN
THE VALUE
REACHES
BEYOND THE
THRESHOLD

KONDRAGUNTA JAHNAVI

MONITORING
AND
MAINTENANCE
CAN BE DONE
BY THE ADMIN

PROVISION
OF SAFETY
AND THE
SECURITY

PROVISION
OF THE
USER
FRIENDLY
PROCESS

SENSORS
WITH
OPTIMAL
SENSITIVITY

KEESARAPALLI KEERTHI

DATABASE
SHOULD BE
MAINTAINED
SECURELY

COST
EFFECTIVE
OPERATION

IMPROVED
CUSTOMER
SERVICE
AND
RETENTION

DETECTION
OF THE
LOCATION
SHOULD BE
PRECISE

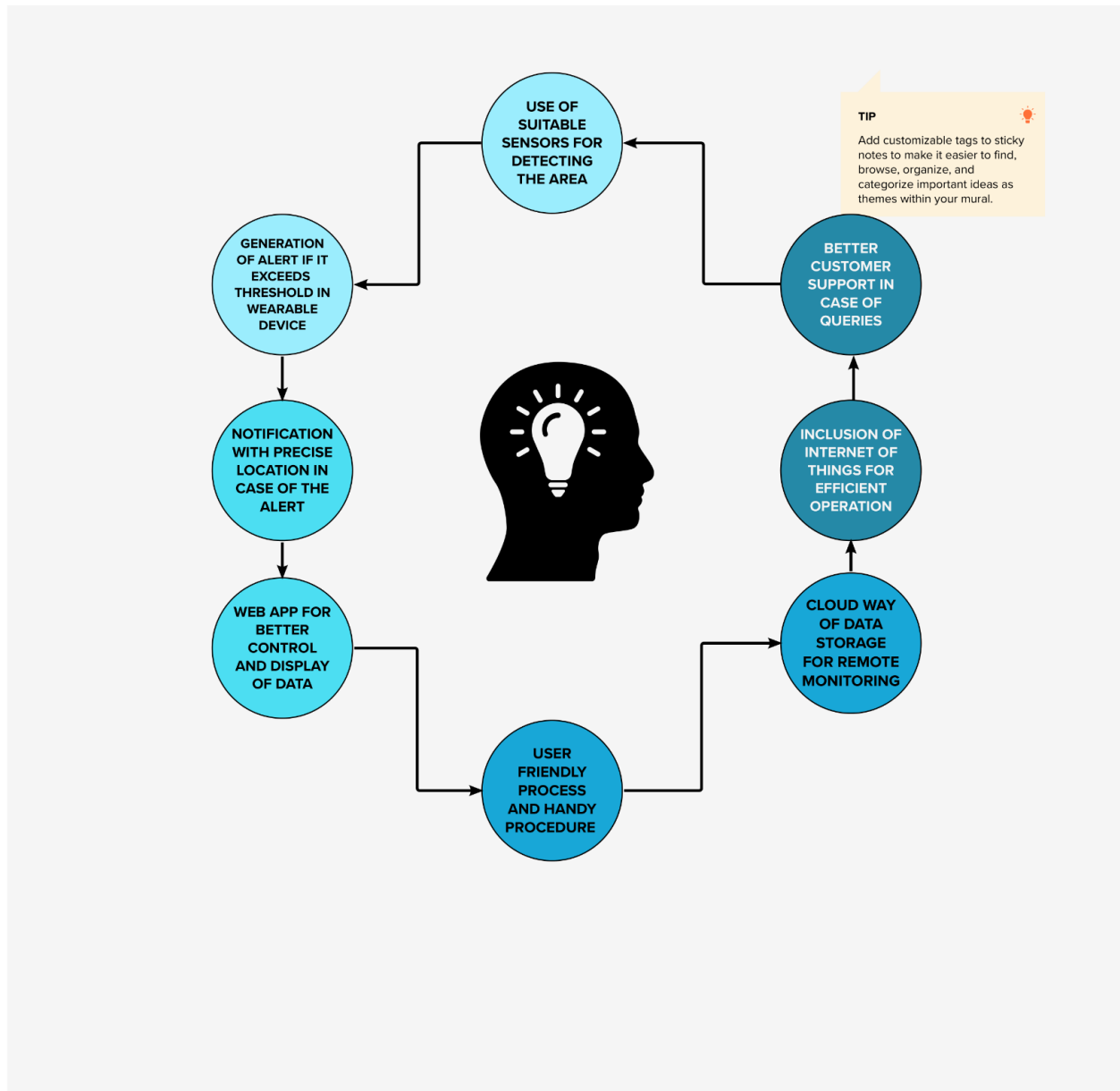
STEP 3: Grouping

3

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



STEP 4: Idea Prioritization

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.

🕒 20 minutes

