

Ideation Phase (Brainstorming)

Date	23 September 2022
Team ID	PNT2022TMID34218
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

IDEATION:

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

Smart waste management for
metropolitan cities



Key rules of brainstorming

To run a smooth and productive session

- Stay in topic.
- Encourage wild ideas.
- Defer judgment.
- Listen to others.
- Go for volume.
- If possible, be visual.

2

Brainstorm

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

⌚ 10 minutes

4/7

TIP

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

Aarthi M L

Stable and reliable in all weather conditions	Stable and reliable in all weather conditions	No change in weight and balance
Resistant to water and dust	Resistant to water and dust	Resistant to water and dust

Shyla Sree R L

Light weight and foldable	High accuracy	Can be connected to any smartphone
To make it look like a book of notes	Presented with a screen	Can be used for all purposes

Sreeshma P

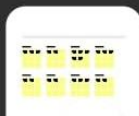
Use wireless connection	Monitoring in real time	Easy to integrate
Connects to any device	Can be used for all purposes	Can be used for all purposes

Sruthi K S

Fast connection	Efficient system	Stable and reliable in all weather conditions
High accuracy	Easy for integration	Stable and reliable in all weather conditions

Sobha K S

Simple and easy to use	Can be connected to any smartphone	Can be used for all purposes
Resistant to water and dust	Resistant to water and dust	Resistant to water and dust



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

Using Sensors

- Use sensors to detect
- Place sensors
- Send data to cloud to analyze the information
- Using sensors to detect the location of the sensors
- Send data to cloud to analyze the information
- To check the location of the sensors

Alarm

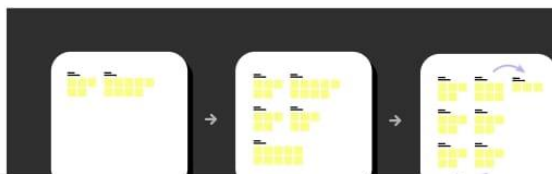
- Send data to cloud to analyze the information
- Send data to cloud to analyze the information

Workers friendly

- To make the sensors easy to use
- Send data to cloud to analyze the information

Environment friendly

- Send data to cloud to analyze the information
- Send data to cloud to analyze the information
- Send data to cloud to analyze the information
- Send data to cloud to analyze the information

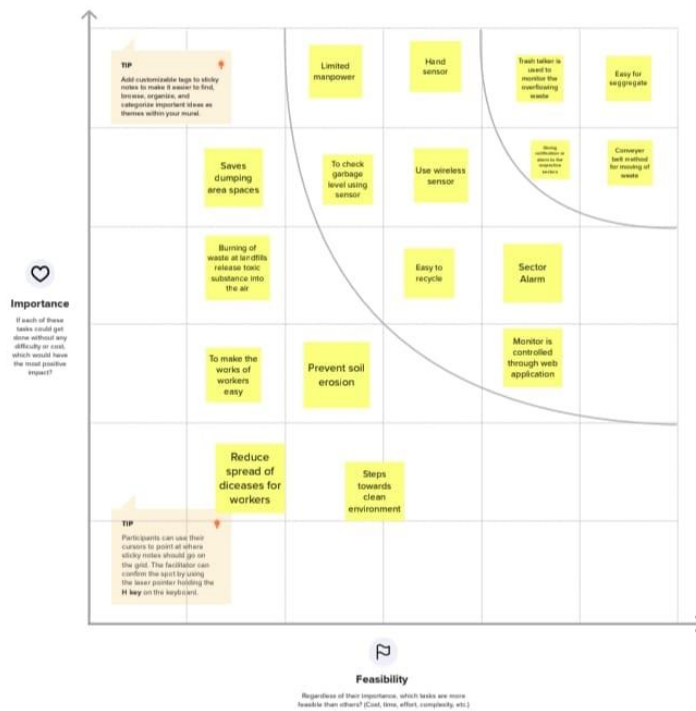


4

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





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 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 →](#)



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](#)

Reference Link:

<https://app.mural.co/invitation/mural/smartmanagement5748/1663906525698?sender=ue09fb59c5eb2c7187ab42437&key=412afe1a-a497-41c5-8551-128cedbb7746>