


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	5 November 2022
Team ID	PNT2022TMID05290
Project Name	Smart Waste management System for metropolitan Cities
Maximum Marks	4 Marks




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

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

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 **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 might we can enhance the metropolitan city of smart waste management system?


**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.



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

[Open example](#) →

Step-2: Brainstorm, Idea Listing and Grouping

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 icon to start drawing!

A.Priyadharshini

- Garbage baskets should make visible to all the garbage collectors
- Develop an app to monitor the garbage bins
- Differentiate between the biodegradable and nonbiodegradable waste
- Assure 24/7 service availability
- Segregate the waste
- Alert the collectors when there is an overflow

G.Manikandan

- Smart indicator on the front display panel
- Garbage cans itself should be treated
- Detecting the harmful bacteria in the bins and kill them
- Usage of dual dustbins should be preferred
- Make route for waste collection and disposal
- Guide the people to use the smart bins effectively

S.NagaSubramanian

- To detect the garbage level Use ultrasonic sensor
- Hygienic disposals with automatic and touchless waste disposals
- Easy to design and Operate
- Proper sanitation facilities should be made for garbage collectors
- Route map for all bins should be visible to the garbage collectors
- Alerting the person if the garbage is thrown outside the bin

M.MOHAMED SHAIK WASIM

- Use sensors for automatic lid opening for trash bin
- Medical waste and E-waste should be disposed immediately with proper care
- make the buzzer to ring when waste is thrown out
- Carbon emissions should be reduced
- Encourage people to Recycle and Reuse
- Promote waste generation and management

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

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

Step-3: 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

5 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 to 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](#)

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