

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	25 October 2022
Team ID	PNT2022TMID17711
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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

[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


Due to lack of system for disposal and collections of wastes and garbages that end up in roads and surroundings


PROBLEM


To overcome this existing system we are implementing a smart waste management system based on IOT


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 vibrant 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 place a sticky note on to the pencil sketch to sketch out the drawing!

RAVISHANKAR C	NAVANEETHAKRISHNAN K	MOTHIPRASATH M K	PRADEEPRAJAN R
Cost Effective	Material Based	Cost Effective	Material Based
Design Based	Design Based	Design Based	Design Based
Design Based	Design Based	Design Based	Design Based
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Design Based	Design Based	Design Based	Design Based

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

Implications of the Cae Study are discussed

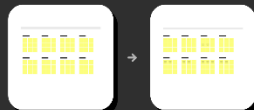
Waste Management is a major issues for urban cities

User-centered design approach is adopted in the design and development of the system

Needs and wishes of the stakeholders through interviews and observations

To understand the needs of the stakeholders and identify requirements

TIP
Add a sentence-like label to sticky notes to make it easier to find, remove, replace and change or to help you find them on a larger or four-page canvas.



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

