

Ideation Phase

Brainstorm & Idea Prioritization Template

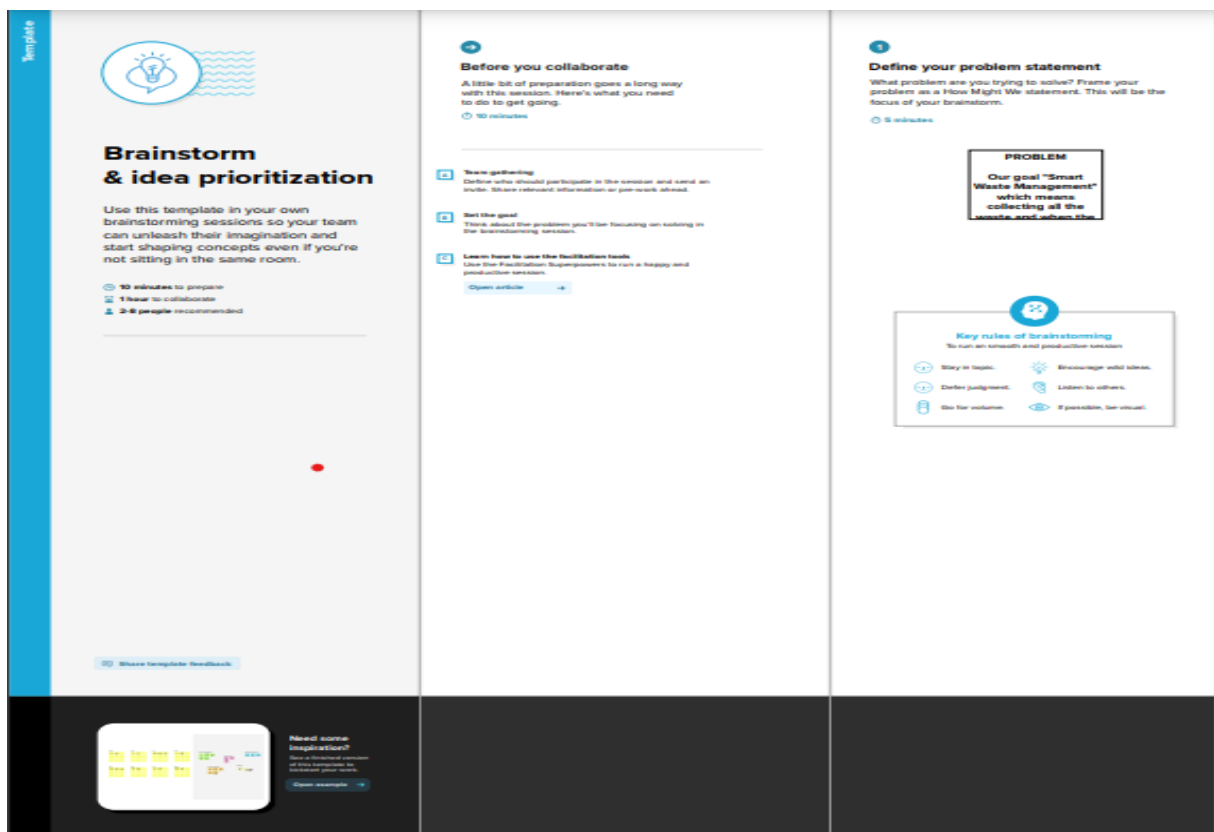
Date	19 September 2022
Team ID	PNT2022TMID11434
Project Name	Project – Smart Waste Management System for Metropolitan Cities
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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. 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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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



Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

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

10 minutes

VEBOOSITA G S

- By detection of garbage level and weight of bin
- These are monitored through web app
- If full then empty the bin alerts is notified
- Location can be known through GPS to avoid risky level in bin other sensors used

SHALINI K R

- Detection of garbage bin by GPS
- Levels of garbage present in bin
- Monitor the garbage level in bin

SWEDHKA K A D

- Using scent sensors to avoid odors from the bin
- Alerts message to empty the bin
- Detecting the weight of the bin

SANTHYA S

- Warning message if the bin is full
- Segregation of different ways to recycle it
- Indicate bin size to display it digitally

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-3: Idea Prioritization

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

Feasibility

Participants can use their responses to identify which ideas are most important and which are most feasible. This helps them to focus on the most important and feasible ideas.

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 challenge.
[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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