Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID32675
Project Name	Smart waste management
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 andSelect the Problem Statement

② Brainstorm

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

🕐 10 minutes

Sivaram N

Establishing connection with corporation	Integration of app with gps	

Vinnarasan D

Tracking of garbage level using sensor	Alert when the can is filled	

Thiyagarajan T

Calculating the weight of garbage in the can	Implementation ideas	

Sanjay kumar S

UI design	Tracking of garbage in every area	If the can is filled it will be automatically sealed

Essential's

Alert when the can is full	Generate monthly or weakly report	Tracking of garbage in every area
Establishing connection with corporation	Integration of app with gps	

Add On Features

Establishing connection with corporation	Automatically sealed with plastic bag when the can is filled	Intimation before arriving of trucks

Future Goals

Filtering degradable and non degradable waste	Automatically sealed with plastic bag when the can is filled	Plan for improving waste management
Intimation before arriving of trucks		

(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

♡

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

Grid notes (left to right, top to bottom):
- Alert when the can is full
- Generate monthly or weakly report
- Intimation before arriving of trucks
- Establishing connection with corporation
- Tracking of garbage in every area
- Establishing connection with corporation
- Integration of app with gps
- Automatically sealed with plastic bag when the can is filled