



## Step-2: Brainstorm, Idea Listing and Grouping

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### Brainstorm

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

🕒 10 minutes

PRAVEEN KUMAR M

IoT platform to manage the waste management solution networks

Placing Ultrasonic sensor to detect level of bins

RAGHUL M

Enable GPS function to locate bins easier

Waste generation analysis to understand cities usages

KARTHICK RAM M

Load cell on bottom of bins

Place Arduino board at left side of bins

SANGAIYA G

When bins fill alert message to the authorized person

Solar panels for power supply for IOT devices

AKASH D

Data analytics to understand the usage

Weight sensor integrated with arduino

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### 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

Reduction in collection costs

IoT solution uses the data & selects routes

IoT helps to identify the empty trash bins

Waste collection trucks, leads to pickup

Transparency on waste situation increase efficiency over time

IoT alert authorized person when bins going to fill

## Step-3: Idea Prioritization

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## 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

- A Share the mural**  
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.
- B 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 →](#)

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