

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

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

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

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!

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

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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PROBLEM
How might we [your problem statement]?

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.

The proposed system would be able to automate the solid waste monitoring of the overall collection process using IOT

Placing Ultrasonic sensor to detect level of bins

Enable GPS function to locate bins easier

Waste generation analysis to understand cities usages

Load cell on bottom of bins

Place Arduion board at left side of bins

When bins fill alert message to the authorized person

Solar panels for power supply for IOT devices

Smart garbage maintenance server

Transparency and sustainable solution than normal garbage bins

Optimized trash collection route

Collect only degradable and non-degradable wastes

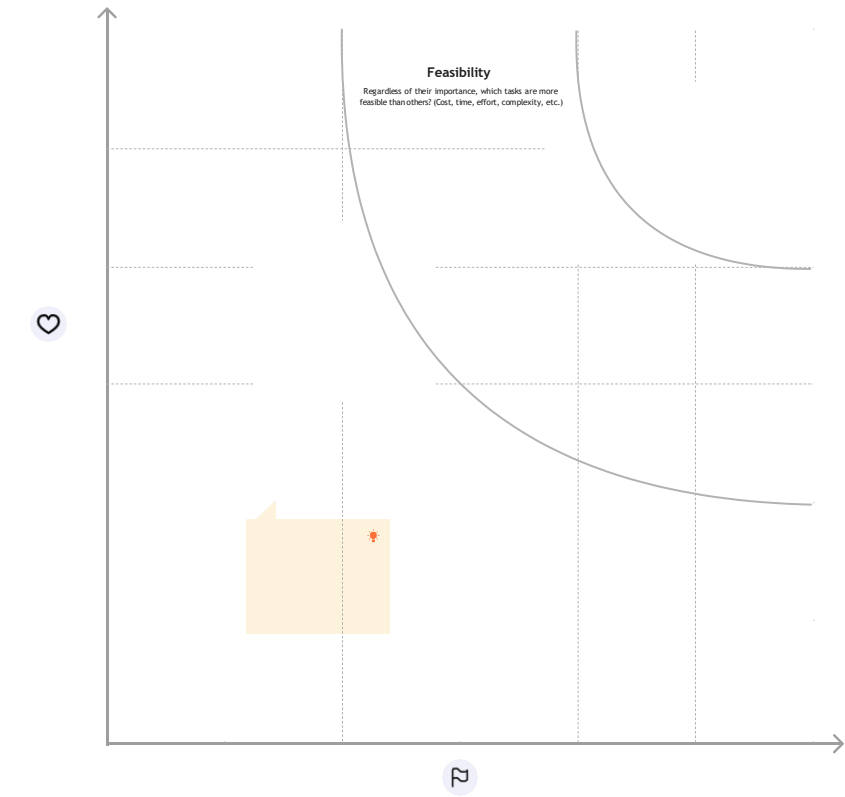
IOT alert authorized person when bins going to fill

Importance
If each of these

itive impact?

Raspberry-pi with ultrasonic,GPS,Load cell,are configured

waste generation analysis to understand cities usages

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**TIP**  
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

## Feasibility

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