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

TEAM ID: PNT2022TMID39665

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 Brainstorm

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

10 minutes

Gopi

The proposed system would be able to automate the solid waste monitoring process and management of the overall collection process using IOT (Internet of Things).

Placing Ultrasonic sensor to detect level of bins

Prakash

Enable GPS function to locate bins easier

Waste generation analysis to understand cities usages

Saravana

Load cell on bottom of bins

Place Arduion board at left side of bins

Kamlesh

Visual fill status indicators on top of bins

using by GSM in bins achieve wireless communication with bins and managing center

Surya

when bins fill alert message to the authorized person

solar panels for power supply for IOT devices

2 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 and break it up into smaller sub-groups.

20 minutes

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

3 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