

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.

① 10 minutes

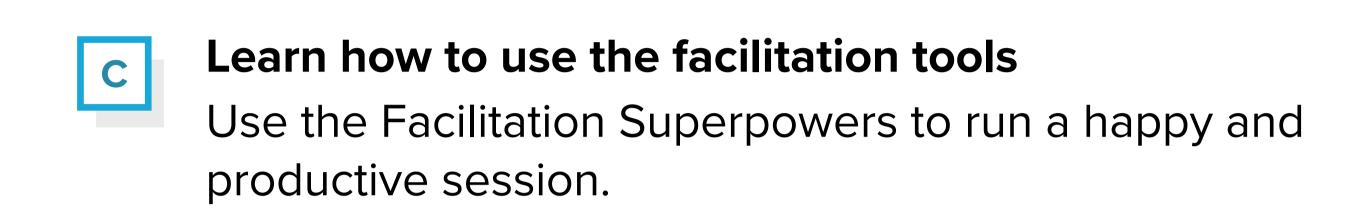
TEAM ID:PNT2022TMID15172



Define who should participate in the session and send a invite. Share relevant information or pre-work ahead.



Think about the problem you'll be focusing on solving in the brainstorming session.



Open article →



Brainstorm

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

① 10 minutes

Koliyar Nikhil Durairaj

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)

Vasanthan V

bottom of

Placing
Ultrasonic
sensor to
detect level
of bins

Obuli Hariharan R

Enable GPS function to locate bins easier

Visual fill

indicators on

Waste generation analysis to understand cities usages

Poovarasan P

Place
Arduion
board at left
side of bins

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



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.

① 20 minutes

Smart garbage maintenance server

Transparency and sustainable solution than normal garbage bins

Optimized trash collection route

Collect only degradable and nondegradable wastes

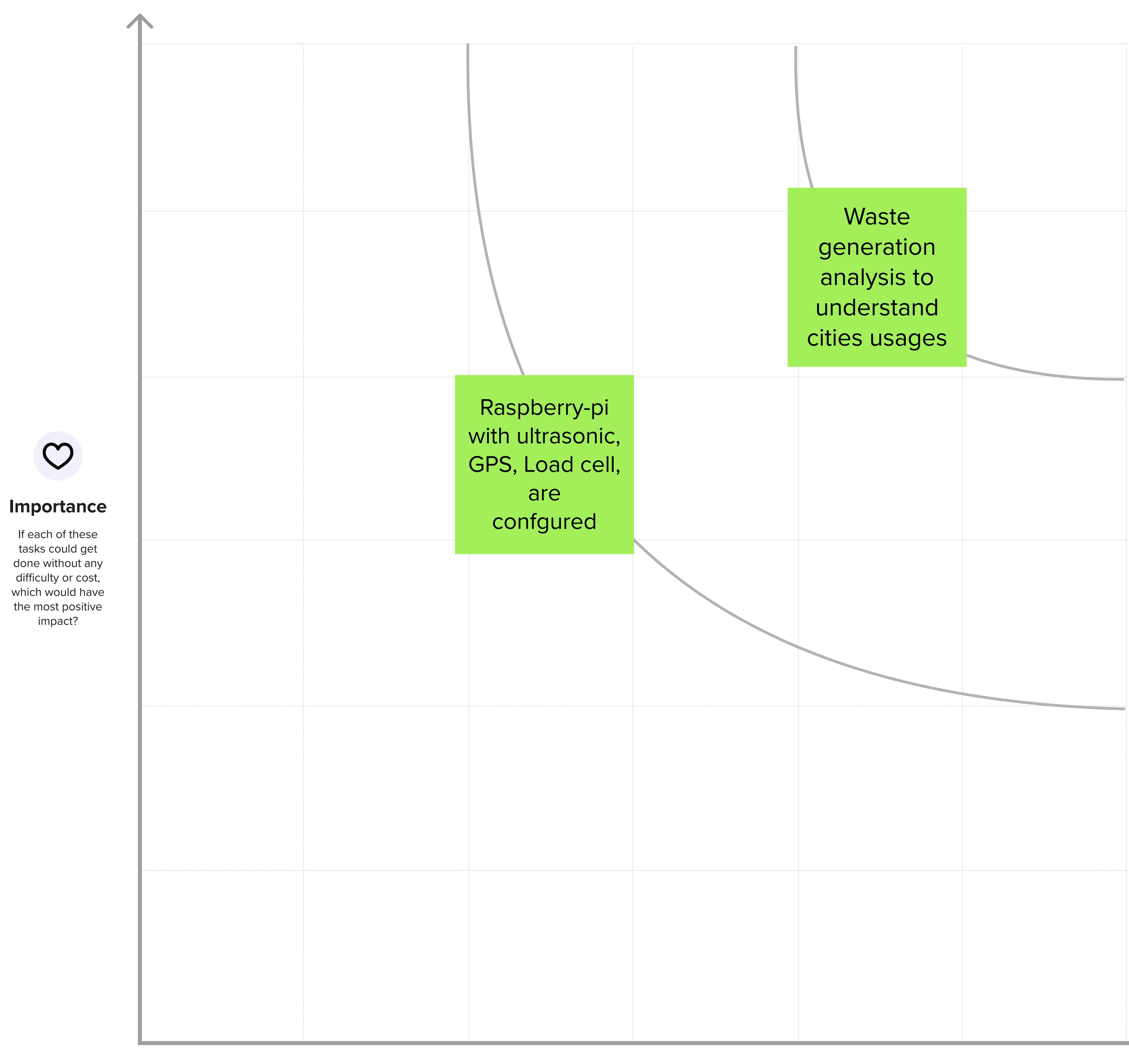
IOT alert authorized person when bins going to fll



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.

① 20 minutes





Feasibility

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