

## 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

# PROBLEM

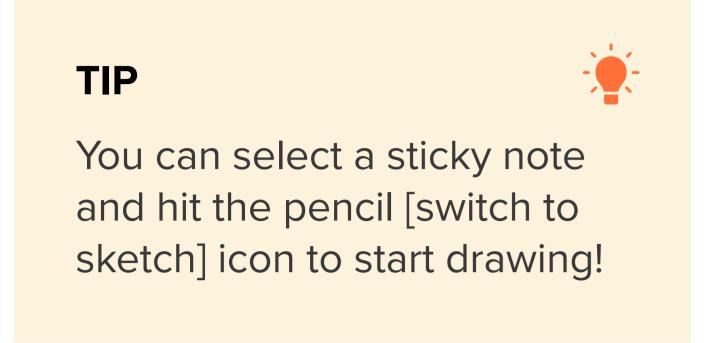
This project deals with the problem of waste management in smart cities, where the garbage collection system is not optimized. This project enables the organizations to meet their needs of smart garbage management systems. This system allows the user to know the fill level of each garbage bin in a locality or city at all times, to give a cost-effective and time-saving route to the truck drivers.



### **Brainstorm**

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

**①** 10 minutes



Tamizhselvan

# Rubesh

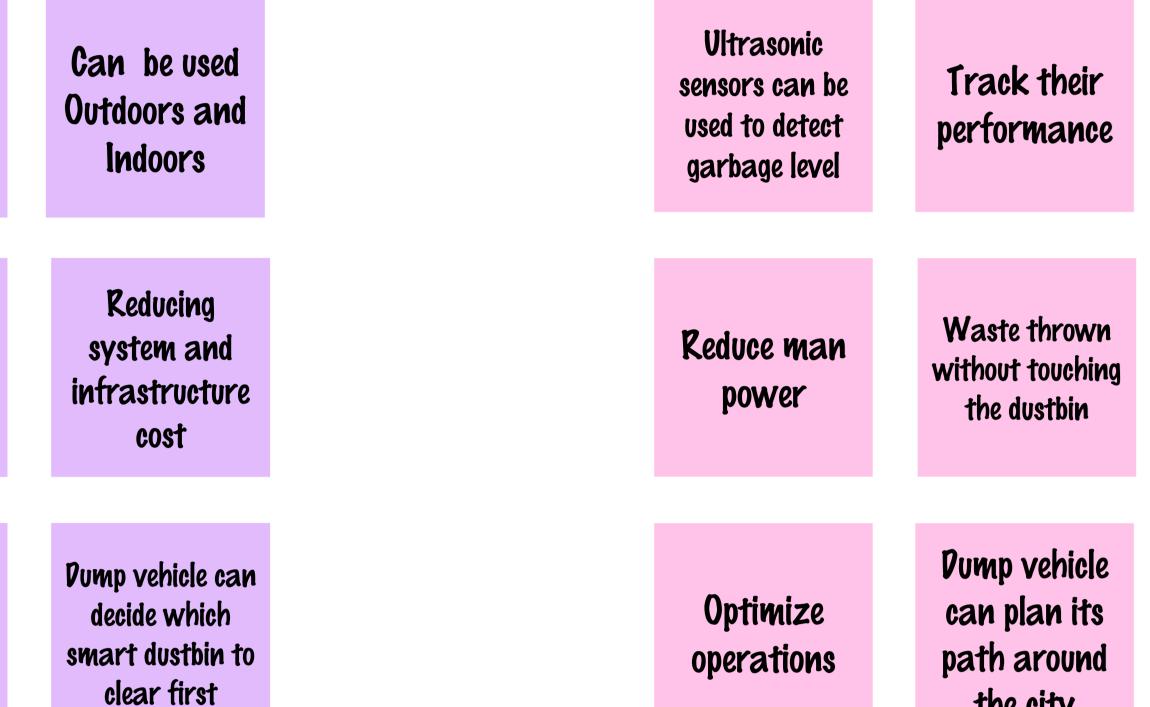
Created using
Arduino
Saves fuel
UNO,sensor & cost
servo motor

# Haritha









### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

# PROFITS



COMPONENTS T BE USED

## IMPROVEMENT OF SMART DUSTBIN



# OTHERS





## 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

