### 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.

How Might We Smart waste management system for metropolitan cities.

Give a brief overview or record a loom of the project



**Edit this template** 

Right-click to unloc

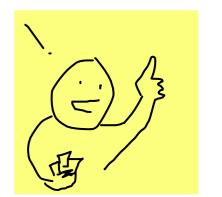
### Brainstorm

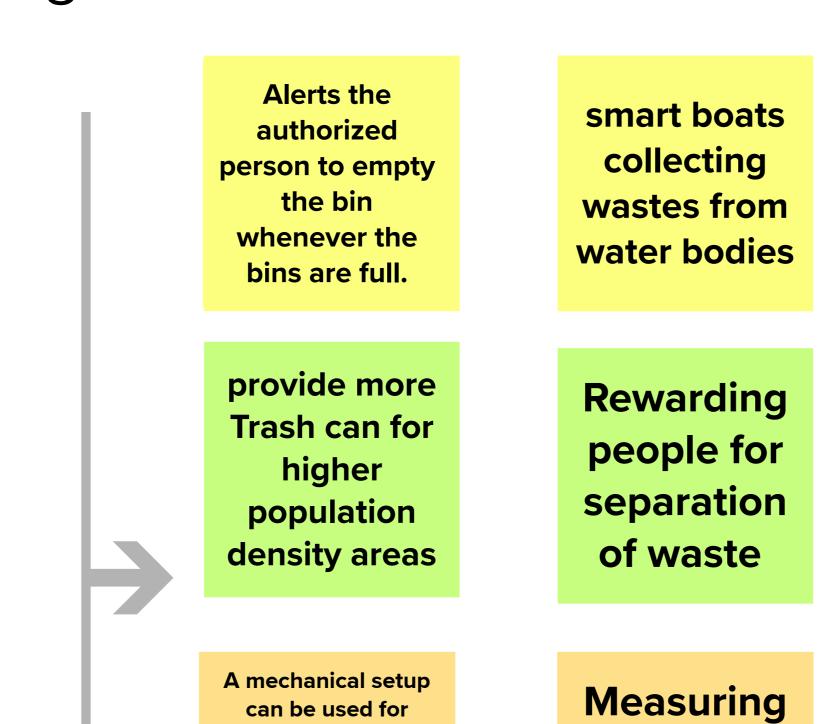
Write down any ideas that come to mind that address your problem statement. Remember, the key rules of brainstorming are:

#### **Advice**

- Defer judgment
- Go for volume
- Build on the ideas of others
- 📡 우Stay on topic
- Encourage wild ideas
- Be visual

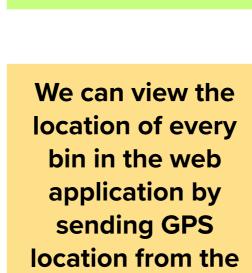
PRO TIP: Select a sticky note and click the pencil icon in the menu to sketch.





optimization collecting wastes from water bodies Rewarding using rovers for collection people for separation

ANAND KUMAR R for trucks for efficient pickup



wastes in

public parks

Route

SARAN S



and dry waste into

separate containers

here sensors can be



of waste

the weight

using load

Make source segregation mandatory

device.

MANOJ NM

PRASANNA A

## Group ideas

The facilitator should group all the ideas from the brainstorming process (step 2).

After that, you should add your opinions by adding arrows to point ideas into other groups and sticky notes and icons to share your thoughts.

PRO TIP: This is a great place to use color coding. You can change the color of multiple sticky notes at once.

**Group 1** 

Alerts the

authorized person

to empty the bin

whenever the

bins are full.

Group 2

using rovers for collection wastes in

public parks

Group 3

We can view the location of every bin in the web application by sending GPS location from the device.

Group 4

A communication system that transfers this data to Cloud, data is processed in the Cloud, thus, the route of collection trucks is optimized.

# Prioritize

The facilitator should copy and paste the groups from step 3 into this area and setup the vote details. Let's vote! Add a vote on sticky notes you think are a high priority. You can also add your vote to an entire group.

Vote area

Alerts the authorized person to empty the bin whenever the bins are full.

A communication system that transfers this data to Cloud, data is processed in the Cloud, thus, the route of collection trucks is optimized.

using rovers for collection wastes in public parks

We can view the location of every bin in the web application by sending GPS location from the device.

using rovers for collection wastes in public parks



A communication system that transfers this data to Cloud, data is processed in the Cloud, thus, the route of collection trucks is optimized.

Alerts the authorized person to empty the bin whenever the bins are full.



We can view the location of every bin in the web application by sending GPS location from the device.