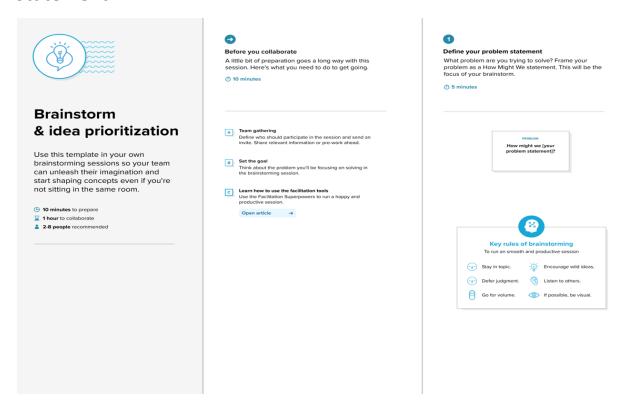
## Ideation Phase Brainstorm & Idea Prioritization

Date	19 September 2022			
Team ID	PNT2022TMID51935			
Project Name	Smart Waste Management for Metropolitan Cities-IOT			
Maximum Marks	4 Marks			

## **Step-1: Team Gathering, Collaboration and Select the Problem Statement**



## **STEP-1: Problem statement**

Problem Statement (PS)	l'm (User)	I'm trying to	But	Because	Which makes me feel
PS - 1	Colony resident member	Put the waste into the waste bin	bin is already in the state of overflow	bin is not cleared by the corporation cleaners	So disgusting to see the spoiled area that stays as a major reason for many air-borne diseases.
PS - 2	Street Walkers	Throw the waste into the bin	There is no waste bin at all	Bin is not provided for the area	The main reason to make the surrounding unclean and unhygienic.

Step-2: Brainstorm, Idea Listing and Grouping

ASHRITHA	GOHUL	AKASH	ASHIK
AUTO CLOSING OF BINS WHEN NOT IN USE	SEPERATE BINS FOR RECYCLABLE AND NON- RECYCLABLE TRASH	IMMEDIATE INTIMATION OF BIN CLEARANCE	ROUTINE CLEARANCE OF BIN
INTIMATION OF MESSAGE ON REACHING PRIMARY LIMIT	CONTINUOUS SIGNAL TRANSMISSION OF TRUCK PATH	FREQUENT CHECKING OF BIN STATUS	SENDING OF HIGH ALERT ON REACHING FINAL LIMIT
ROUTINE UPDATE OF TRASH LEVEL	SIGNAL TRANSMISSION OF BIN LEVEL	TRASH BIN LOCATION TRACKING	PROPER TRANSMISSION OF SENSOR DATA

**Step-3: Idea Prioritization** 

