

Ideation Phase Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID01880
Project Name	Project- About Smart Waste Management System For Metropolitan Cities
Maximum Marks	2 Marks



Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	Municipal worker	collect all the garbages daily	i don't know which garbages are full.	there are some much garbage bins.	Frustrated

Problem Statement:

Design a smart waste collection system that allows citizens to inform the municipal authorities about garbage and some waste management things to efficiently do the waste management.

The solution should have following

1. The system will be Web app based.

Module 1 : Garbage Collector -> the sensors in the bins will send the data of the bins fill status to the DB. The collector will be able to get the data of what are the bins need to be cleared.

- Make a web interface for both citizen & garbage collector.
- Make an admin web interface where we can see all garbage Collector truck and Garbage location .
- There should be GPS based navigation for the garbage collector from one point to another.