

Smart Waste Management System For Metropolitan Cities

Problem Statement:

Mr.Durairaj is a municipal officer in a metropolitan city who needs to monitor the amount of trash in every dumpster because he doesn't want the overflowing trash bins that make the city unclean.

Defining the Problem:

Who does the problem affect?	People who live in metropolitan cities.
What are the boundaries of the problem?	Citizens whose house is near the dumpsters.
What is the issue?	The overflowing of trash can make the city unclean and it causes disease to the citizens.
When does the issue occur?	The poor management of the trashcan causes the city to unclean. Missed pickups of trashcans.
Where does the issue occur?	The issue occurred in metropolitan areas and busy cities.
Why is it important that we fix the problem?	It is required for a clean city. It indirectly helps to control global warming.
What methodology is used to solve the issue?	The Internet of things is the technology used to solve the issue. Sensors are used to identify the volume and amount of trash inside the dumpsters.