Define CS, fit into CC

1. CUSTOMER SEGMENT(S)

Who is your customer?

CS

The primary goals are to improve resource location, lower operating costs, and increase stability of waste management.

6. CUSTOMER CONSTRAINTS

People are unsure about where to dump their trash once the bins are full. Additionally, it is necessary to maintain separate garbage bins for biodegradable and non-biodegradable waste..

5. AVAILABLE SOLUTIONS

AS

This project IOT Garbage Monitoring system is a very innovative system which will help to keep the cities clean. This system monitors the garbage bins and informs about the level of garbage collected in the garbage bins.

Explore AS, differentiate

2. JOBS-TO-BE-DONE / PROBLEMS   J&P

To send a notification to trash collector department in the areas where the trash can is about to get filled.

9. PROBLEM ROOT CAUSE   RC

One of the biggest issues in the modern period is the detection, monitoring, and management of garbage. The old-fashioned method of physically checking the contents of trash cans requires more human workers, takes longer, and costs .

7. BEHAVIOUR   BE

Up to 80% fewer waste pickups are required, using less people, fuel, and causing less traffic congestion. Data analysis is used to better manage collection routes and bin placement.

an

this technology.

4. EMOTIONS: BEFORE / AFTER

A smart waste management system aids in keeping the city tidy, hygienic, and disease-free.

bins.

Through a web app, the garbage level in the bins can be tracked .By sending a GPS location from the device, we can use the web application to see where each bin is located.

tracking are made simple.

8.2 OFFLINE

Individuals can contribute to society and offer vital resources.