Empathy Map

Smart Waste Management System For Metropolitan Cities

What do they THINK AND FEEL?
what really counts
major preoccupations
worries & aspirations

designed for flexibility and can be used in all similar environment

Easy to use

Ensure hygiene in used spaces

What do they HEAR?
what friends say
what boss say
what influencers say

Dedicated outputs are logically controlled by inputs based on the programming matrix written.

Each device constantly communicates with the control panel through microprocessor technology.

Conventional sensors are able to provide exact condition of the garbage.

What do they SEE?
environment
friends
what the market offers

Online capabilities: New intelligent panels have the capability to provide detailed online notification of various chemical/materials in the smart bin.

Minimial waste in energy

Classification of disposable wastes

What do they SAY AND DO?
attitude in public
appearance
behavior towards others

Self Monitoring System

Quicker Response Times

Can be customized for various type of garbage

PAIN
fears
frustrations
obstacles

Cost, not as effectively priced for very smaller applications

This setup is also a man made setup and no machine can be 100% efficient i.e can be errors in real time.

Typically with any real time detection setup will cost more than any other conventional setup

GAIN
"wants" / needs
measures of success
obstacles

Monitor the amount of chemicals in water

The amount of chemicals is detected and recorded at each individual time, identifying exactly what is the pH in water

Lower service cost than the ongoing methods of using large machines.