# CUSTOMER SEGMENT



For residential, commercial, industrial, and municipal clients

# JOBS-TO-BE-DONE / PROBLEMS

* To detect the level of the bin
* Accumulate information of the bin and sent the status of the bin to the server and sent data to pickup truck

**TRIGGERS**

Garbage bins overflow leads to unhealthy society and give discomfort to the sanitary workers

BEFORE : dirty and un-hygiene ,illness,

AFTER : hygiene, healthy environment ,cleanliness

# CUSTOMER CONSTRAINTS

* unnoticed filled garbage bins leads to clumsiness
* location of the filled bins unknown
* fuel wastage due to roaming

# PROBLEM ROOT CAUSE

. The main problem faced by the metropolitan cities are detecting the garbage level weather it filled or not and also we need to measure the weight of the garbage bin. Then alerts the authorized person to empty the bin whenever the bins are full.

# YOUR SOLUTION

The basic idea of our project is to sense the level of waste stored in the garbage bin and transfer the data to the database or cloud with the help of API with this system we can able to monitor the level and can manage waste effectively.

# AVAILABLE SOLUTION

* Sharing location of bin to the sanitary

worker via notification from the

**BEHAVIOUR**

application.

* It also contains information such as

level and weight of the bin

# BEHAVIOUR

# When the bin is full the location of the bin is send to the truck driver using our device and with the help of cloud the customer can monitor the level of bin.

# CHANNELS OF BEHAVIOUR

ONLINE :

Information will be conveyed to avoid

the overflow of garbage bin.

OFFLINE :

With the information of location of garbage sanitary workers will take necessary actions.