

Smart Waste Management For Metropolitan Cities

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

How we give
solution to
this problem

Automate the lid
of dustbin easy to
use

Alert the driver
to collect the
garbage bin
when it is full

Easily sort out
the problem

What do they
SEE?
environment
friends
what the market offers

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

To develop a
clean
environment

Feedback
about
complaint
progress

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

Smart way to
clean the
environment

There should be
a team
coordination
within the team
members

To make the
waste
collection
process more
efficient

The project
review is
very
innovative

There are some
notable negative
effects the
garbage bins
always being full

It is very useful
to maintain the
society

It is highly
efficient to
use

PAIN

fears
frustrations
obstacles

System requires
more number of
waste bins for
separate waste
collection

The process is
not always cost
effective

Sensor nodes
used in the
dustbins have
limited memory
size

GAIN

“wants” / needs
measures of success
obstacles

Improves
environment
quality

Reduces
infrastructure,
operating and
maintenance
cost

Real time
information
on the fill
level of
dustbin