

Says

What have we heard them say?
What can we imagine them saying?

Helping
frontline
workers for
cleaning

Maintaining
healthy
environment

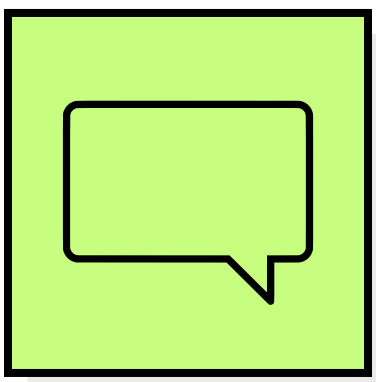
It helps in
making
smart city

Cost
Efficient

Reduce the
wastage of
man power

Avoiding
unwanted
diseases

Conservation
of man
power,diesel
and time



Thinks

What are their wants, needs, hopes,
and dreams? What other thoughts
might influence their behavior?

Timely
pickup of
garbage

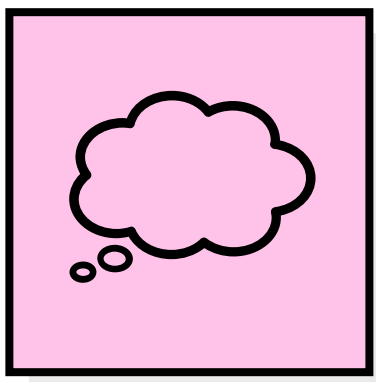
Living a
disease free
life

Dustbins will
now be clean
and easy to
dispose

Safer and
more sanitary
working
environment

Cleaner City,
Happier
Citizen

Can prevent
environmental
illness



**END
USERS**



Does

What behavior have we observed?
What can we imagine them doing?

Replacing
human
labor with
machines

Locating
bins and its
status

We can view the
location of every bin in
the web application by
sending GPS location
from the device.

Alerts the
authorized
person to empty
the bin
whenever the
bins are full.

Getting real
values of data
from sensors
used

message will
sent to
concerned
authority



Feels

What are their fears, frustrations, and
anxieties? What other feelings might
influence their behavior?

Unhealthy
life and
damage to
marine life

Due to
population
growth, keeping
urban areas
clean is a
challenge

Life threat to
humans, animals
and plants

Early exposure
to
contaminated
environmental
diseases

Ensures
clean
environment
and
sanitization

Lack of
cooperation
among
people

