



What do they
THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations

- Indiscriminate disposal of solid waste is a major issue in urban centers of most developing countries and it poses a serious threat to healthy living of the citizens.
- Access to reliable data on the state of solid waste at different locations within the city will help both the local authorities and the citizens to effectively manage the menace
- A Wireless Fidelity (Wi-Fi) communication link is used to transmit the sensor data to an IoT cloud platform known as ThingSpeak. Depending on the fill level, the system sends appropriate notification message (in form of tweet) to alert relevant authorities and concerned citizen(s) for necessary action

What do they
HEAR?

what friends say
what boss say
what influencers say

- They will appreciate
- They will guide us
- Can do better

What do they
SEE?

environment
friends
what the market offers

- They will welcome this project
- Do best
- They offer our project in large scale

What do they
SAY AND DO?

attitude in public
appearance
behavior towards others

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PAIN

fears
frustrations
obstacles

- Sensor nodes user in the dustbins have limited memory size
- It reduces man power requirement
- Increase in unemployments for unskilled peoples

GAIN

"wants" / needs
measures of success
obstacles

- It saves time and money by using smart waste collection bins system equipped with fill level of sensors
- Applying smart wastage management process to city optimizes
- management resources and costs which makes it a smart city