BRAINSTORM

TEAM ID: PNT2022TMID14142

Use this template in your ownbrainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room

GROUP IDEAS

Smart garbage maintenance server Transparency and sustainable solution than normal garbage bins

IOT alert
authorized
person when
bins going to
fll

Optimized trash collection route

Collect only degradable and nondegradable wastes



Defne your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm



The proposed system
would be able to
automate the solid waste
monitoring process and
management of the
overall collection
process using IOT
(Internet of Things)

Placing
Ultrasonic
sensor to
detect level
of bins

VENKATESH S

SIVA P

Enable GPS function to locate bins easier

Waste generation analysis to understand cities usages

PREM KUMAR J

Load cell on bottom of bins

Place
Arduion
board at left
side of bins

Visual fill status indicators on top of bins

using by GSM in bins achieve wireless communication with bins and managing center