Develop The Data Flow By Using The Shapes and Connectors In The Key

Adjust And Fine Tune The Data Flow Graph

Review The Data Flow

PROJECT:Smart Waste Management System For Metropolitan Cities

Team ID: PNT2022TMID50389

Control Center

Ultra sonicsensor

Load Cell

C

STARTUP PHASE

Activate wireless interface	
Connect with Raspberry pi	
Activate waste sensing module	
Activate load cell to detect weight of garbage	

Insert garbagewaste data

Level data

Monitoring system
Cloud cell

ControlCenter

Run fill levelalert

Admin of thatlocation

Level Detection
>80 or <80

Raspberry Pi

GSM (tracklocation ofgarbage)

Send SWB metadata to theserver

Transmit garbage leveldata

mart Waste Garba ge

Smart Fone(to get GPS location fordustbins which are filled)

Truck track car

Web portal to show the location of garbage id which can be accessed bywaste collector

LAND FILLS

Garbage dumping site

TRUCK TRASH

Share your feedback

RECYCLE