TECHNOLOGY STACK

Admin ← Local Cloud ← Real time monitoring website ← Garbage bin

Garbage bin → Solar power

Ultrasonic sensor → Rasbperry pi

GSM → Rasbperry pi

Load cell → Rasbperry pi

Rasbperry pi → Transceiver → Receiver

Wireless Data transmission → Server

Backup storage of data

Server → Local Cloud

Local cloud → Track operators

Location of bin