Smart-Trash-Can

Smart-Trash-Can IOT consists of fullness detection integrated with gps. This Smart Trash performs fullness detection and share the location.fullness detection.The Internet of Things (IoT) shall be able to incorporate transparently and seamlessly a large number of different systems, while providing data for millions of people to use and capitalize. Building a general architecture for the IoT is hence a very complex task, mainly because of the extremely large variety of devices, link layer technologies, and services that may be involved in such a system.Using python and machine learning technologies detect the Trash Bin Garbage level and location which is received from the sensors.

With these techniques we can detect the garbage level of the dustbin from the nearest location.This device helps the people who are living on city who had no place to dump their garbages and can check the occupancy of garbage space inside the dustbin from their nearest locations