Project Design Phase-II
Technical Architecture

Date	13 October 2022
Team ID	PNT2022TMID21827
Project Name	Smart Waste Management system
Maximum Marks	4 Marks

Technical Architecture:

Labels in diagram: Rf Tag on House Hold, RFID Reader Hand Held, Vehicle GPS, GPS, Fuel Level Sensor, RFID Tag for vehicle, Staff Attendance (Existing System), Mobile Apps for citizens and officials (Swachhata App will also be integrated), RFID Reader, Camera, Weighbridge (existing integration), Mobile Tower, MSI Data Center, Users
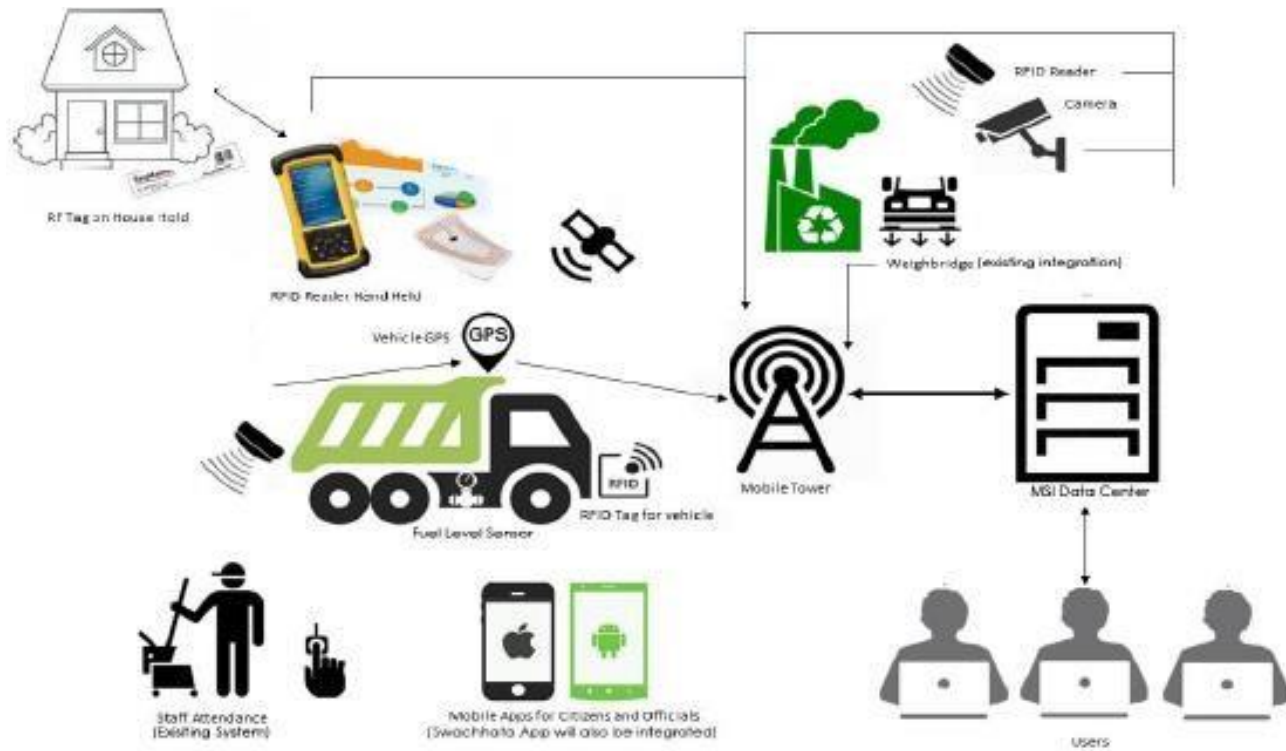
Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Mobile Application	HTML, CSS, JavaScript.
2.	Application Logic	Logic for a process in the application	Java
3.	Database	Data Type, Configurations etc.	MySQL
4.	Cloud Database	Database Service on Cloud	IBM Cloud

5.	File Storage	File storage requirements	Local Filesystem and IBM cloud
6.	Infrastructure (Server / Cloud)	Application Deployment on Cloud Local Server Configuration	Local and Cloud Foundry