Project Design Phase-I
Solution Architecture

Date	08 October 2022
Team ID	PNT2022TMID01880
Project Name	Project- About Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

Solution Architecture:

- The general architecture which uses the cluster of smart waste bins connected through IoT in the outdoor environment.

- The smartness is achieved by having ultra sonic sensors, Node MCU.

- It uses a GPS to get location and GSM to update the status of the smart waste bins enabling the effective waste management system.

- It has a support for citizen to report the issue and keep track of the issue.

Solution Architecture Diagram:

Smart Waste Management System For Metropolitan Cities