

Project Design Phase-I
Proposed Solution

Date	22 September 2022
Team ID	PNT2022TMID15246
Project Name	Project – Smart Waste Management System For Metropolitan Cities
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	IoT-based system helps the people to manage monitoring the solid waste present in various regions and make it to be easily manageable by using some sensors to reduce man work.
2.	Idea / Solution description	People can monitor all the sensor parameters easily from remote location and when ever the solid waste is full it will send an alert to the waste collection people.
3.	Novelty / Uniqueness	By using this they can reduce lot work and they can manage waste disposal easily.
4.	Social Impact / Customer Satisfaction	By using this advanced technology, people can manage their waste disposal in an easy way without having any communication with the disposal people always.
5.	Business Model (Revenue Model)	As per business model it reduces the man work and provides better output with less machinery.
6.	Scalability of the Solution	Scalability is another requirement that should be considered while designing a solid waste management system. Scalability in smart this system will gives a great output as compared to the manual system.