Project Design Phase-I
Proposed Solution
Template

Date	24 September 2022
Team ID	PNT2022TMID13889
Project Name	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)	Misunderstanding of the operations of smart sensors because this is a new and emerging technology, there is a general misunderstanding of its operations. A lot of people believe that it is a complicated and expensive method to dispose of waste, which is not. They are actually very affordable, easy to use, durable and save costs. Setting up the smart sensor, while smart sensors are easy to use, you cannot just buy one and install it on your waste bin. There are other steps that need to be taken after purchase to ensure its effectiveness.
2.	Idea / Solution description	For the Mis-Understanding of the operations to the public we aware the public by the rally,some program about smart waste system operations etc… To installing the sensors,the performance of the sensors will be pre-planned by the coding.wheather the garbage is renewable or not it will be detect and it is easy to recycling process.
3.	Novelty / Uniqueness	Novelty and uniqueness 1.Reduction in collection cost 2.No missed Follow ups 3.Reduced over flows 4.waste Generation analysis 5.CO_2 Emission Reduction
4.	Social Impact / Customer Satisfaction	Its stops unwanted Follow ups. Because it Collecting of Trash Bin waste when it Full. So in society it creates a good impact and most useful. Customers also satisfy with this method because they won't seen any trash can is filled for a days
5.	Business Model (Revenue Model)	Waste Management generates revenue through the provision of various waste management and disposal services and recycling solutions to residential, commercial, industrial, and municipal clients. The Company derives its revenue in the form of various fees associated with its service offerings
6.	Scalability of the Solution	The IOT scalability to refer the ability to go form prototype to production in a seamless way.