

Project Design Phase-I
Proposed Solution Template

Date	19 October 2022
Team ID	PNT2022TMID37209
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)	Smart Waste Management System for Metropolitan Cities.
2.	Idea / Solution description	Managing the garbages in the garbagebins placed in the streets. When the bins are full a message will be send to Municipality. They get information where the bins is full and send the workers to empty the bin again.
3.	Novelty / Uniqueness	No man power is essential to check whether the garbage bins are full or not.
4.	Social Impact / Customer Satisfaction	Once the bins are full it starts overflowing of garbages from the bin. So, Once the bin is filled with garbages it is removed and the bin is made empty. So, that the public can put their garbages on the bin without any disturbance.
5.	Business Model (Revenue Model)	This is the model to empty the garbage bins for next public use.
6.	Scalability of the Solution	This decrease the man power energy on frequent check on the garbage bins. This makes easy to know about the garbage bin status