

PROJECT DESIGN PHASE - I
PROPOSED SOLUTION

DATE	1 NOV 2022
TEAM - ID	PNT2022TMID26856
PROJECT NAME	Proposed Solution for IOT Based 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)	To develop economic waste management system for each village and city
2.	Idea / Solution description	To segregate the different types of wastes by using modern technologies.
3.	Novelty / Uniqueness	Trash talker, Image processing technique, using raspberry PI camera,pick up hand, conveyor belt ,hand sensor smart bins,giving notifcaton by sector alarm.
4.	Social Impact / Customer Satisfaction	By implementing this we can make our environment clean and control the spreading of infectious diseases from garbage
5.	Scalability of the Solution	Image processing technique , Conveyor belt, pick up hand, Trash talker and sensors are used to separate the wastes , control the overflow of waste and gives alarm to the respective sector.