

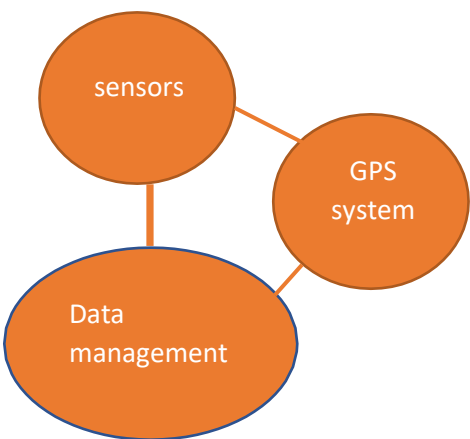
Project Design Phase-I

Proposed Solution Template

Date	02/10/2022
Team ID	PNT2022TMID26604
Project Name	Smart waste management for metropolitan Cities .
Maximum Marks	2 Marks

Proposed Solution Template:

S.NO	PARAMETER	DESCRIPTION
1.	Problem Statement (Problem to be solved)	Smart waste management for metropolitan cities.
2.	Idea / Solution description	Using sensors, GPS, IOT, and data management, improve the waste management system in major cities and manage both degraded and non-degraded trash more effectively.
3.	Novelty / Uniqueness	a coordinated network of sensors with coding, GPS tracking with precise location information, an automatic garbage range detector, and a data management system
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">• We have a clean, sanitary environment and society as a result, which reduces our concern over the spread of disease.• By separating biodegradable garbage from non-biodegradable waste, we may avoid land pollution.• Plastic wastes can be recycled and degradable waste can be converted as manures (organic manures).
5.	Business Model (Revenue Model)	Smart waste management system with parameters involved in it.

		
6.	Scalability of the Solution	<ul style="list-style-type: none"> ▪ This project can be used more efficiently with accurate information. ▪ Cost will be reasonable and efficient monitoring.