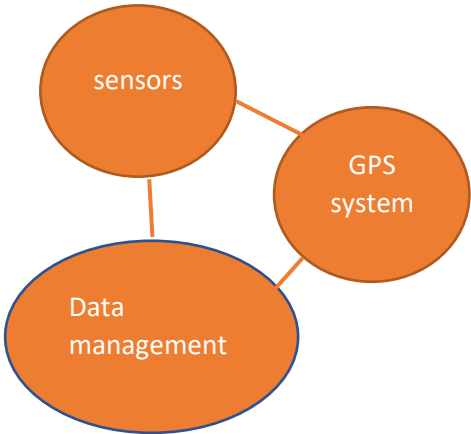


## Project Design Phase-I Proposed Solution Template

Date	02/10/2022
Team ID	PNT2022TMID33244
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	To manage degraded and non- degraded wastes and to improve waste management system in metropolitan cities in smarter way using sensors, GPS, IOT and data management.
3.	Novelty / Uniqueness	An integrated system of sensors with coding, GPS monitoring with accurate information about location, automatic garbage range in bin detector and data management system.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• This provides us neat and hygienic environment and society.</li><li>• Less fear for the spread of diseases.</li><li>• Separation of degradable and non-degradable waste prevents us from land pollution.</li><li>• Plastic wastes can be recycled and degradable waste can be converted as manures (organic manures).</li></ul>
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"> <li>▪ This project can be used more efficiently with accurate information.</li> <li>▪ Cost will be reasonable and efficient monitoring.</li> </ul>