

**Project Design Phase-I**  
**Proposed Solution**

Date	22 September 2022
Team ID	PNT2022TMID39384
Project Name	<b>Smart Waste Management System For Metropolitan Cities</b>
Maximum Marks	2 Marks

**Proposed Solution:**

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	○ Develop an efficient system and an application that can monitor and alert user.
2.	Idea / Solution description	<ol style="list-style-type: none"><li>1. This product help the workers in monitoring the garbage.</li><li>2. In several areas the sensor will be integrated to sense the garbage.</li><li>3. If any area the garbage is detected the admins will be notified along with the location.</li></ol>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>○ Fastest alerts to the workers.</li><li>○ User friendly.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>○ Cost efficient.</li><li>○ East installation and provide efficient result.</li></ul>
5.	Business Model (Revenue Model)	○ The product is advertised all over the platforms. Since it is economical, even health society from pollution.
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>○ Since the product is cost efficient, it can be placed in many places in the area.</li><li>○ Even when the garbage is more is more, the product sense the accurate values and alerts the workers effectively</li></ul>