

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

Date	19 September 2022
Team ID	PNT2022TMID06149
Project Name	Project – Smart Waste Management 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)	<ul style="list-style-type: none"><li>The dumping of waste in the surroundings leads to serious health issues and there is no proper method to manage the waste generated</li></ul>
2.	Idea / Solution description	<ul style="list-style-type: none"><li>A smart way to manage the waste generated and thereby providing an alert message to the authority.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>Once the level of the waste reaches a threshold level, an immediate message is given to the authority so that the dustbin is replaced before it gets filled completely thereby preventing the overflow of waste in the surroundings</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>There is no need for manual monitoring, the time is saved, prevents from several health issues.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>It is user-friendly. It is beneficiary for all kinds of people.</li></ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>It is possible to implement in any surroundings and it can withstand any kind of temperature and pressure</li></ul>