Project Design Phase-I
Proposed Solution

Date	29 October 2022
Team ID	PNT2022TMID43114
Project Name	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)	• Developing a smart bin to detect the bin level
2.	Idea / Solution description	• Using Dijkstra's algorithm to find the nearest overflowing bin to be collected
3.	Novelty / Uniqueness	• Website with the map that shows bin level along with its location
4.	Social Impact / Customer Satisfaction	• The bin can be picked up once it filled and hence keep the environment clean
5.	Business Model (Revenue Model)	• The Website showing different bin level and notifying when it is full to get picked
6.	Scalability of the Solution	• Specific bin can be selected and details can be viewed.