

Project Design Phase-I
Proposed Solution Template

Date	06 May 2023
Team ID	NM2023TMID12625
Project Name	Project – Smartcity Waste Management System with Connected Trashcans.

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)	Trashcans are overflowing due to missing to clean trashcans at some areas and To identify if there's any trashcans without cleaning at any areas.
2.	Idea / Solution description	By this project we made sure that the trashcans are not overflowing and also will help to identify if there's any trashcans without cleaning at any areas.
3.	Novelty / Uniqueness	There's an idea of implementing a compactor to dump more trashes/rubbish than normal trashcans. It'll help to store 4 times more space than normal trashcans.
4.	Social Impact / Customer Satisfaction	All areas will be cleaned without leaving any trash left. Customers can keep more trash than normal trashcan. Hence, more efficient and easy to use and also will keep surroundings clean and so our health will not get affected and also the trashes will not overflow and make surroundings unhealthy. Customers will be satisfied.
5.	Business Model (Revenue Model)	-----
6.	Scalability of the Solution	This project can be implemented everywhere. So the scalability of the project is good. It's good economically also.