Project Design Phase-I
Proposed Solution

DATE	19th September
TEAM ID	PNT2022TMID52326
PROJECT NAME	**Smart Waste Management System for Metropolitan Cities**

S.No.	Parameters	Description
1	Problem Statement (Problem to be solved)	The collection and disposal of garbage waste is in unordered, inefficient way which leads to overfilling of bins, rotting garbage smell and more fuel consumption of collecting trucks.
2	Idea / Solution description	• The proposed framework would have the option to Computerize the strong waste monitoring process what's more, the executives of the general assortment process utilizing IOT. • The purpose of this project is to focus on problems of detection of emptying of a recycling container using sensor measurements.
3	Novelty / Uniqueness	Using sensors, weighing machine; real time monitoring the level of waste in bins and information is gathered
4	Social Impact/ Customer Satisfaction	From the public insight as most horrendously terrible effects of present strong garbage removal rehearses are seen direct friendly effects, for

			example, neighabourhood of landfills to networks, reproducing of irritations and misfortune in property estimations
5		Business Model (Revenue Model)	Corporate and others, comprising the company's others activities, including its development and operation of landfill gas to energy facilities in the India, and its recycling brokerage services, as well as various corporate
6		Scalability of the Solution	- It helps the government to maintain a clean environment. - The need-driven waste collection eliminates unnecessary traffic blockage.