Ideation Phase
Define the Problem Statement

Date	01 September 2022
Team ID	PNT2022TMID45392
Project Name	Smart waste management system for metropolitan cities
Maximum Marks	2 Marks

Customer Problem Statement:

Smart Cities are rapidly growing and globally set up by various countries for providing world-class services and enjoyable life to their residents. This has attracted many citizens to Smart Cities by leaving their existing cities and hometowns. This has resulted in exponential growth and expansion of Smart Cities at the same time multi-fold problems like an overload on Smart Cities to handle the growing population and to effectively control the waste produced by the huge population, let it be human beings made waste, industrial waste, environmental waste and or medical waste. If a large amount of generated waste is not handled correctly and efficiently, it can generate a hazardous situation and can cause danger to a great extent to the Smart City Residents. Also, a shortfall can be possible with some of the necessary items which go to waste after initial use, and if we do not recycle them, such items cost gets increases over time due to shortfall in supply and causes impacting the economy. If we can find out a way to ensure safe and efficient waste management with low cost and low processing time, it will not only help to maintain healthy surroundings but also by recycling reusable waste, it can easily boost the economy and manage the shortfall of necessary items such as paper,footwear,stationery items, tyres, remouldable plastic and so on.

Example: