Ideation Phase
Define the Problem Statements

Date	20 October 2022
Team ID	PNT2022TMID41897
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	2 Marks

Problem Statement:

- IoT-based agriculture system helps the farmer in monitoring different parameters of his field like soil moisture, temperature, and humidity using some sensors.
- Farmers can monitor all the sensor parameters by using a web or mobile application even if the farmer is not near his field. Watering the crop is one of the important tasks for the farmer.
- They can make the decision whether to water the crop or postpone it by monitoring the sensor parameters and controlling the motor pumps from the mobile application itself.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A small waste garbage collector.	Use the technology and data to create a more efficient garbage waste. Based on IOT & Cloud.	Some drivers collect empty bins, predefined collection routes of the system cause waste of time, an increase in fuel consumption, and excessive use of resurces.	The smart waste garbage collector is a specially designed method to dispose the garbage in a smart way.	When it solves the social issues of hygiene in the country.