Ideation phase

Literature survey

DATE	1st SEPTEMBER 2022
TEAM ID	B2-4M2E
PROJECT NAME	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITIAN CITIES
MAXIMUM MARKS	4 MARKS

PAPER TITTLE : Iot Based Smart Garbage System.

AUTHOR : (1) T.Sinha
(2) R.M.Sahuother

OUTCOME : Iot base smart garbage system which indicates directly that the dustbin is filled to a certain level by the garbage and cleaning or emptying them is a matter of immediate concern. This prevents lumping of garbage in the roadside dustbin which ends up giving foul smell and illness to people. The design of smart dustbin includes a signal by ultrasonic sensor which configured with Arduion uno with this research, it is sending SMS to the municipal council that particular dustbin is to overflow.

PAPER TITTLE : Raspberry pi-based smart waste management system using internet of things.

AUTHOR : (1) Shaik Vaseem Akram
(2)Rajesh Singh

OUTCOME : Now-a-days it is becoming difficult task to distinguish dry and wet waste. The new waste management system covers several levels of enormous workforce. Every time labour must visit the garbage bins in the city area to check whether they are filled or not. The data communicates to the cloud server for real time monitoring of the system. With the real-time fill level information collected via monitoring platform,the system reduces garbage overflow by informing about such instance before they arrive.