IDEATION PHASE

LITERATURE SURVEY

DATE	15 October 2022
TEAM ID	PNT2022TMID30692
PROJECT NAME	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

SI.NO	TITLE OF THE PAPER	YEAR OF PUBLICATION	AUTHOR	METHODOLOGY	MERITS
1	CNN Based Smart Bin for Waste management	2022	Soundarya B, K.Parkavi.	This is implemented through the concepts of Convolutional Neural Network(CNN), a Machine Learning algorithm.	An efficient automated waste segregation model has been Introduced to Reduce human Involvement in waste segregation process.
2	Real-time garbage bin Mechanism for Solid waste management in smart cities.	2021	N.S Ragava, Dominic Abuga	The decision based algorithms would sense the Waste data through a Wireless sensor network(WSN).	Waste management efficiency and it avoids lumping of wastes.
3	IoT Based Smart Waste bin management system with an optimized route.	2020	Michale Christopher Xenya	This smart waste bin which has a microcontroller-based system constructed will detect the bin level status and communicate via SMS and application system.	This system implantation works successfully , making it possible to monitor waste bin status in real time.
4	Smart waste management Using machine learning	2019	David Rutgvist	Uses automated machine Learning for a real life smart waste management	It focuses on Problems of Detection of Emptying of a Recycling container Using sensor Measurement.

5	Smart waste collection system.	2018	Muhamad Javed Ramzan	Technology based on Sensor collection and uses route algorithm.	It defines the status of waste bin levels along with the location to replace the bin.
6	Smart waste Management Using Internet-of-Things.	2017	Gopal Krishna Shyam, Sunilkumar S. Manvi	It present a waste Collection management Solution based on Providing intelligence to waste bins using an IoT prototype with sensors.	Can be used to dynamically Manage waste collection mechanism.