LITRATURE SURVEY

Team Leader : S.Gowtham(Reg No:311519106032)

Team mates: T.Harshitha (Reg No:311519106038)
B T Dhanush(Reg No:311519106023)
M.Loganath (Reg No:311519106050)

Domain Name: Internet of Things(IoT)

Use case Name: Smart Waste Management System For Metropolitan Cities

S.NO	PROJECT NAME	AUTHOR	RELEASE DATE	OBJECTIVE/OUTCOME
1	**Smart City Waste Management System using Internet of Things and Cloud Computing**	1.Prof. Aderemi A. Atayero 2.Segun I. Popoola 3.Rotimi Williams 4.Sanjay Misra	Published on January 2021	This study introduced a smart waste monitoring system that uses several sensors and communication technologies to achieve the set task. The proposed system was achieved through the development of theoretical models, layout and decision-making algorithms in the course of the project.
2	**IOT Enabled Smart Waste Bin with Real Time Monitoring for efficient waste management in Metropolitan Cities**	1.Manju Mohan 2.Kuppan Chetty 3.Ramanathan 4.Vijayram Sriram 5.Mohd Azeem	Published on September 2019	This project uses capacitance sensor in the bin that continuously monitors the level of the bin in real time and communicates to the central cloud where the bins are connected. Ultrasonic sensor is used to open and close the lid of the bin whenever the persons are nearby the bin. Such smart bins are connected to the cloud, where the bin status are communicated, recorded and monitored by the local bodies through and android app or a centralized server.
3	**IoT- Enabled Intelligent Solid Waste Management System for Smart City: A Survey**	Swati Dewangan	Published 2018	The proposed system is GPS based. The suggested device and implementation will track waste storage and monitor the vehicle's waste driver. This method helps to make the customer aware of accountability behind the job such as the system for solid waste inspection and management, integrating communications technology for truck control systems such as GPS.

4	**Improved Smart Waste Management for Smart City**	Edin Golubovic	Published on Feb 23, 2018	The use of RFID technology in waste collection services not only increases the efficiency of waste management through automation but also increases environmental responsibility which is one of the pillars of the Smart City.