SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITIAN CITIES

LITERATURE REVIEW

PAPER TITLE	AUTHOR	OUTCOME
Smart Waste analysis	1.M. Mohammad Aazam	It provides the idea of sensors-based waste bins, capable of notifying waste level status. An automatic waste bin and make use of cloud computing paradigm to evolve a more robust and effective smart waste management mechanism. Waste management is linked to different stakeholders, including recyclers, importers and exporters, food industry, healthcare, research, environment protection and related organizations, and tourism industry Mohammad Aazam et al proposed Cloud SWAM, in which each bin is equipped with sensors to notify its waste level.
Waste Management System Using IoT-Based Machine Learning	1.T. Anh Khoa 2. C.H. Phuc 3. P.D.Lam 4.L.M.B.Nhu 5.N.M.Trong 6.N.T.H. Phuong 7.N.Van Dung 8.N. Tan-Y 9.H.N. Nguye 10.D.N.M. Duc	In this work, an optimal algorithm combining graph theory and LR has been described, with the possibility of assessing the probability of a trash bin being fully based on the number of classes in the university. *is algorithm presents many advantages, as compared with the old waste collection methods.

IoT-Based Smart Garbage System for Efficient Food Waste Management	1.I. Hong 2.S. Park 3.B. Lee, 4.J. Lee, 5.D. Jeong	An IoT-based SGS for replacing existing RFID-based garbage collection systems.To provide differentiation from passive collection bins and other types of RFID-based food garbage collection systems, we also proposed components required in external and public environments and designed the SGS based on these components. The basic system structure of a SGB is a centralized structure in which information gathered in each bin is transferred to the server; we also designed a HSGB for improving the battery efficiency of each SGB.
Smart Solid Waste Management	1.Mohd Helmy Abd Wahab	At the time of trash diposal, the material to be recycled could be identified using RFID technology