

Author Name	Title	Methodology	Pros	Cons	Inferred	Year
Lucile Noury, Remi Gomez.	SMART BIN	Every smart bin is equipped with ultrasonic sensors which measure the level of dustbin being filled up.	The garbage will be collected on a time-to-time basis.	It requires a well-structured hardware	Ultimately helps to keep cleanliness society.	2013
Vikrant Bhor, Pankaj Morajkar, Maheshwar Gurav, Dishant Pandya.	Smart Garbage Management System	It provided additional details and designs needed for the flow and management of garbage while collection.	There would not be any bad smell around the bin.	The one-time cost installation will be higher than the present technique.	The garbage keeps lying near the bin	2016
Kairanbay Magzhan, Hajar Mat Jani	A Review of Evaluations of Shortest Path Algorithm.	This gave the information about the algorithm to be used.	Real-time notification to collect the garbage.	The process is not always cost-effective	Collection on time which in turn ensures less contamination environment	2017
Insung Hong, Sunghoi Park, Beomseok Lee, Jaekeun Lee, Daebeom Jeong, Sehyun Park.	Anagnostopoulos, Arkady Zaslavsky.	Barcelona was also one of the earliest cities to adopt the smart approach to urban development.	According to the Financial Times.	The resultant product has a short life	It ultimately helps to keep cleanliness in society.	2020
Top-k Query-based dynamic scheduling for IoT-enabled small city waste collection	Alexey Medvedev, Sergei Khoruzhnikov.	It gave us the concept of dynamic scheduling required for the cleaning of dustbins and the Top-k query led us to priority-based cleaning of dustbins.	Saving fuel consumption, and reducing the threat environment	Needs More Global Buy-In	Automation industry and transportation industries are seeing rapid growth with IoT.	2019