Smart Dustbin

Abstract:

- The Smart Dustbin project introduces an innovative approach to waste management through the integration of IoT (Internet of Things) technology.
- The objective is to develop a smart dustbin equipped with sensors and connectivity features to optimize waste collection and enhance efficiency in urban environments.
- The Smart Dustbin incorporates smart notifications and alerts to notify waste management authorities when bins reach capacity, thereby optimizing collection schedules and reducing operational costs.
- The system is designed to be scalable and adaptable to various municipal waste management infrastructures.The project aims to improve cleanliness and sustainability by minimizing overflowing bins and optimizing waste collection processes.
- By leveraging IoT technology, the Smart Dustbin represents a step towards smarter, more efficient urban waste management systems.
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