

SYNOPSIS OF THE PROJECT

Roll No &Name	29 Rahana Joshy
Name of Guide	Dr. Shidha M V
Contact Number:	8592872841
Email id	rehanajoshy66@gmail.com
Shared folder/git repository details	https://github.com/rahanajoshy/Main_project
Project Title	Waste Management System for Smart City
<p>Description of Project:</p> <p>Smart cities have the potential to overcome environmental problems caused by improper waste disposal to improve human health, protect the aquatic ecosystem, and reduce air pollution. However, today's systems, approaches, and technologies leveraged for waste management are manual and centralized that make them vulnerable to manipulation and the single point of failure problem. Also, a large portion of the existing waste management systems within smart cities fall short in providing operational transparency, traceability, audit, security, and trusted data provenance features. In this project, by managing waste within smart cities as it can offer traceability, immutability, transparency, and audit features in a decentralized, trusted, and secure manner. It discusses the opportunities brought about by in various waste management use cases and application scenarios, including real-time tracing and tracking of waste, reliable channelization and compliance with waste treatment laws, efficient waste resources management, protection of waste management documentation, and fleet management. It helps authorities to manage the process in a single dashboard.</p>	
Front end and Backend Tools	Python, Android

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