

### Introduction

Waste Management Monitoring Application is unique platform for Monitoring daily waste collection routines and get real-time insights into work hours.

Waste management Monitoring Application can stores the data of waste collection, recycling, and disposal facilities. They supervise waste management operations, ensuring compliance with environmental standards, and oversee staff. They aid in the development of waste management methods, aiming for increased waste reduction, and aid in the prevention of violations of waste treatment legislation.

### Uses

- It can be used with government municipalities or private waste collection vendors.
- Monitor daily waste collection routines and get real-time insights into work hours.
- Supervisor's can report cases of unauthorized services via a facility provided in the app.
- Waste management supervisors coordinate waste collection, recycling, and disposal facilities.
- It's provides a way to capture the day to day information from various section in the plant and generate the aggregated report at the end of the day.

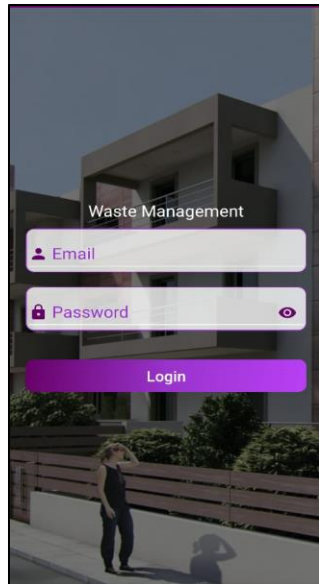
The Industries which can takes the benefits from Waste Management Mobile Application Software include:

- Local Government.
- Transport
- Education
- Franchise
- Healthcare
- Hospitality etc.

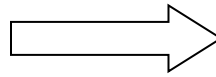
### Features

Waste Management Monitoring Application is an online application that facilitates / Provides the following :

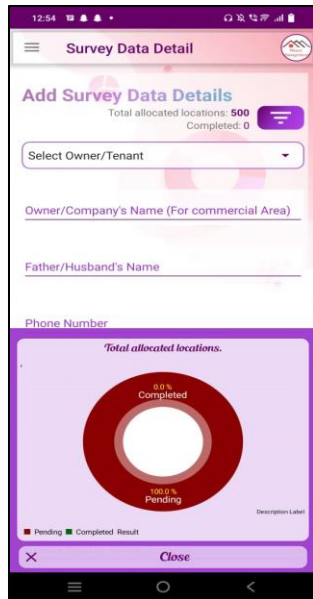
- Sign in : One time sign in is required to get User Login.
- Dashboard: A Dashboard for lodging and monitoring after login.
- Information is stored on the online server, so it is safe and secure.
- Supervisor's can see the progress bar his/her in real time mode.
- It has a system to quickly notify or send messages to data collectors ,an interactive dashboard, and a search system.
- It has a data approval or unapproved and collection based system.
- .Authorized users can quickly download the required reports from the database which will help policy makers , planners , Researcher's.



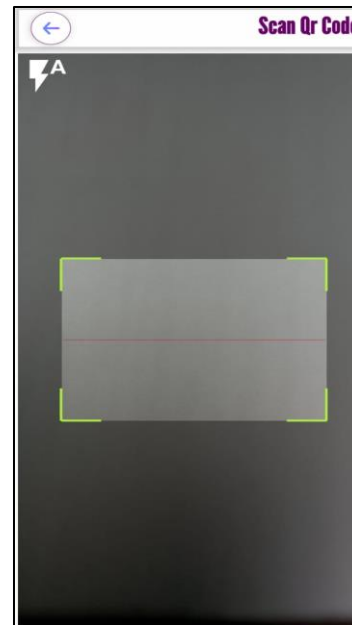
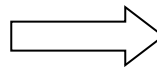
(Login Page)



(Survey Data Detail Page)



(Progress Bar Page)



(Scan QR Code Page)

### Technical Specifications:

S#	Parameter	Remarks
<b>A</b>	<b>GENERAL</b>	
1	Centralized and Integrated Solution	Ajeevi Waste Management Monitoring Application
2	Technology Used	Java, core java, xml, android, android studio Technology
3	Access Features	GPS, audio, gallery, camera, camera, map, message
4	Architecture	MVVM, MVC, Material design
5	Framework	Java framework APIs
6	Database	SQL, API
7	Operating System	Windows, Mac
8	Front end	Xml
9	IOT Hub Integration	NFC, Bluetooth
10	Application Availability	Yes
11	Single-Sign On facility	Developer console, fcm
13	Interoperability Standards	Syntactic, structural , and semantic
14	Security Features	User authentication and registration
15	External Communication	Mail, Message, chat
16	Cloud Deployment	Https
17	Information Security	Authentication, token
18	Operations	ISO 9001 Certified

B	FUNCTIONAL FEATURES	
➤	General Features	Waste Management Monitoring Application Platform is Easy to Access, Easy to register & UserFriendly.
		The user can easily Sign in & Sign up , enter the Location & Purpose of survey , they can also find the exact reaction about waste Management.
		This App is used to monitor day to day activities about Surveys in waste Management.
		It shows all complaints given by the Citizens.
		The supervisor can track the status of wastage & can Easily Added Records .