**GUIDELINE  
EVOWASTE GITHUB**

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Evowaste GitHub Guideline

1. **Introduction**

This document is a brief user guideline designed for Evowaste developers to understand the structure, contents, and how to access the web application repositories built by the development team. With this guide, developers can easily explore the available GitHub repositories and get started efficiently.

1. **General Requirements**

* Active GitHub account
* Access permission to the repository
* Git installed on local machine
* Text Editor or IDE
* Stable internet connection
* SSH Key (If required): If the repository uses SSH authentication, the developer must generate and register an SSH key on GitHub

1. **How to Access Evowaste Github**
2. Go to: <https://github.com/orgs/evowaste/>
3. Login using your GitHub credentials (Username or email and password)
4. Accept invitation (If needed)

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1. **Evowaste GitHub Repository**

The Evowaste GitHub repository contains source code, documentation, and configurations used in the development of the Evowaste web application. Each repository may represent a specific module, service, or component of the application. Understanding the repository structure helps developers navigate and collaborate effectively within the project.

Once logged in, click on your profile or your organization then select **Evowaste**.

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You will be directed to Evowaste GitHub page. Select Repository tab to view All Evowaste’s repositories.

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Evowaste has 8 repositories which are contains of:

1. Documentation

URL: <https://github.com/evowaste/docs>

A centralized repository for Evowaste documentation, containing user guidelines, reports, and supporting documents.

1. Evosmart Device Sync Service

URL: <https://github.com/evowaste/sync-service>

Language: C#

Framework: .NET

A background Windows Service, designed to run every 5 minutes to synchronize attendance data from a local database to a remote API. This service enables seamless communication between attendance devices and the cloud system.

1. Evowaste Landing Page & Activation Portal

URL: <https://github.com/evowaste/web-pages>

Language: TypeScript

Framework: Next.js

Frontend interface for Evowaste's landing page and service activation.

1. Landing Page CMS

URL: <https://github.com/evowaste/web-cms>

Language: TypeScript

A content management system for dynamically managing the Evowaste landing page. Enables admin-level updates to banners, texts, and other visual content.

1. Evowaste Admin Panel – Backend

URL: <https://github.com/evowaste/web-admin-server>

Language: Java

Framework: Spring Boot

Backend API for the Evowaste internal admin panel. Handles authentication, user management, system settings, and administrative operations.

1. Evowaste Admin Panel – Frontend

URL: <https://github.com/evowaste/web-admin>

Language: TypeScript

Framework: React

Frontend interface for administrators to manage system operations, monitor activity, and configure modules.

1. Evosmart Platform – Backend

URL: <https://github.com/evowaste/web-server>

Language: Java

Framework: Spring Boot

Backend services for the Evosmart platform, delivering RESTful APIs to support real-time waste monitoring, analytics, and operational processes.

1. Evosmart Platform – Frontend

URL: <https://github.com/evowaste/web-client>

Language: TypeScript

Framework: React

A responsive web application that serves as the user interface for Evosmart. It includes modules for dashboards, analytics, attendance device integration, and user access management.

1. **How to Clone Evowaste Repositories**

To begin working locally, developers need to clone the repository from GitHub to their local machine. This process allows developers to copy the entire contents of the repository, explore the codebase, and contribute to development without accessing the production environment.

1. Go to the repository page on GitHub (e.g., <https://github.com/evowaste/web-admin>)

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1. Click the green Code button.
2. Select HTTPS tab, then copy the provided URL.

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1. Open terminal and run the following command: **git clone <url>**
2. Documentation:

git clone <https://github.com/evowaste/docs.git>

1. Evosmart Device Sync Service:

git clone <https://github.com/evowaste/sync-service.git>

1. Evowaste Landing Page & Activation Portal:

git clone <https://github.com/evowaste/web-pages.git>

1. Landing Page CMS:

git clone <https://github.com/evowaste/web-cms.git>

1. Evowaste Admin Panel – Backend:

git clone <https://github.com/evowaste/web-admin-server.git>

1. Evowaste Admin Panel – Frontend:

git clone <https://github.com/evowaste/web-admin.git>

1. Evosmart  Platform – Backend:

git clone <https://github.com/evowaste/web-server.git>

1. Evosmart Platform – Frontend:

git clone <https://github.com/evowaste/web-client.git>

1. Once cloning is complete, navigate into the repository folder using the terminal or command prompt. Use the following command: **cd <repository\_name>**
   1. Documentation: **cd docs**
   2. Evosmart Device Sync Service: **cd sync-service**
   3. Evowaste Landing Page & Activation Portal: **cd web-pages**
   4. Landing Page CMS: **cd web-cms**
   5. Evowaste Admin Panel – Backend: **cd web-admin-server**
   6. Evowaste Admin Panel – Frontend: **cd web-admin**
   7. Evosmart Platform – Backend: **cd web-server**
   8. Evosmart Platform – Frontend: **cd web-client**