ECORECOVER

Abstract -Mini Project

The Waste Management and Recycled Product Selling Site is an innovative online platform designed to address waste management challenges while promoting sustainability through the sale of recycled products. The platform's main objective is to foster a circular economy by effectively managing waste disposal and encouraging the purchase of eco-friendly products.

Modules

- User authentication

in waste management systems is crucial to ensure that only authorized personnel have access to sensitive data and functionalities.

- Waste Collection Module

Develop the module to allow Waste Generators to book waste bins for collection and Waste Collectors to manage waste collection orders efficiently.

- Waste bin booking
- Order Creation
- Reschedule
- Collection date and time scheduling

- Online Payment and Order Management

Set up a secure online payment system for customers to make purchases from the Recycled Store. Implement features for order tracking and management.

- Database Design and Management

Plan and implement the database structure to store user information, product data, waste collection orders, and other relevant data.

- waste type recognition and disposal method using image classification.

Waste type recognition and disposal method using image classification is an exciting application of computer vision and machine learning. It involves using image recognition techniques to identify different types of waste from images and then suggesting appropriate disposal methods based on the waste category.

- Recycling Drives, Workshops and Seminars,-waste Collection and Disposal Events, Green Fairs and Expo etc Booking

Modules and their functionality

- Waste Generators

    Registration

    Login

    User Profile

    Bin Booking

    Re-schedule

    Payment

    Feedback

    Order tracking

    Campaign Booking

- Admin
    Login
    Manage the user accounts and details.
    Bin Order Management
    Waste disposal Authorization

- Event Manager

    Register &login.

    Add event Details.

    Update event Details

    Delete events.