

EcoRecover

Abstract: Main project

Waste management is a critical aspect of maintaining a sustainable environment and ensuring public health. Efficient waste collection and disposal processes are essential to minimize environmental impact and optimize resource utilization. The key components of order management include order creation, customer communication, route optimization, resource allocation, real-time tracking, bin monitoring, incident management, reporting and analytics, integration with billing systems, compliance tracking, customer self-service, and seamless integration with other waste management modules. By implementing an effective order management system, waste management authorities can enhance service quality, reduce operational costs, and contribute to a more sustainable waste management process. Embracing technology and data-driven decision-making are vital to addressing the complex challenges associated with waste management efficiently.

Features

- Recycled Product Store:

The platform offers a dedicated online store featuring a wide range of high-quality recycled products. Sustainable businesses and manufacturers can list their products for sale, providing customers with eco-friendly options.

- Recycled products store
- Search filtering
- Cart
- order
- Payment
- Tracking order and history
- Adding product
- Reviews

- Community Engagement:

The platform fosters community engagement through discussion forums and awareness programs. Users can share eco-friendly ideas, participate in workshops, and contribute to waste reduction initiatives.

- Campaign Section Registration

Campaign Initiatives: The site includes a dedicated Campaign Section to run sustainability-focused campaigns. These campaigns raise awareness about environmental issues, waste reduction, and recycling. Users can participate and support these initiatives.

- Campaign details
 - Registration
 - Payment
- New Ideas and Innovations

The site encourages users to share new ideas and innovations related to waste management and sustainability. Users can participate in idea-sharing forums and collaborate on novel solutions for environmental conservation.
- Public Information and Support (chatbot)

Description: Design public pages with information about EcoRecover, its mission, and customer support details.
- Online Video Tutorials for Disposal:

Online video assistance refers to the use of live video communication to provide support, guidance, or assistance to customers remotely. In the context of waste management, online video assistance can be used in various ways:

 - Customer Support
 - Bin Setup and Usage
 - Educational Purposes
 - Training and Onboarding

Modules and Functionalities

Waste Generators

Register for Campaigns, Payment.

Credit Point for bookings Waste bins

Doubt clearing using 24*7 customer support.

Community forums.

Access on online tutorials.

Can view order history and track delivery status.

View and modify profile.

Admin

view analytics and generate reports on sales, and user activity.

update the Recycled product details.

Troubleshooting and Support

Community Engagement

Updating Regulations and Guidelines

Reporting and Alerting

Customer

Buying product from recycled store.

Search filtering.

Cart

order

Payment

Tracking order and history.

feedback

Waste Collectors

View Schedules

Update Waste regarding Details

Payment

Track Location

View History and Progress

