GreenCart – Project Summary Document

Project Title: GreenCart – Local Sustainable Marketplace
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Project Overview

GreenCart is a full-stack eco-commerce web application that connects local sellers offering organic, handmade, and recycled products with environmentally conscious buyers. The project promotes sustainability and supports small businesses by enabling a digital platform for green products.

Key Features

- Secure Login with OTP & JWT

- Role-based access (Buyer / Seller / Admin)

- Product listing with search and filtering

- Shopping cart with add/update/remove features

- Order placement & cancellation

- Product reviews & ratings

- Cloudinary for product image uploads

- Responsive user interface

Technology Stack

Layer	Technology
Frontend	React.js, Axios, CSS3

Backend	Node.js, Express.js
Database	MongoDB, Mongoose
Other Tools	JWT, Nodemailer, Cloudinary, Bcrypt.js, CORS

Deployment

Hosted online and accessible via:
https://greencart-1-s3ka.onrender.com/

Conclusion

The GreenCart project demonstrates a complete modern full-stack development workflow including authentication, database integration, and real-time e-commerce features while delivering social impact by promoting sustainable products and local sellers.