SUPERMARKET INSTANT DELIVERY APP

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Project Overview

A complete instant delivery system with customer, admin, and delivery agent modules

Customer Mobile App

- Built with Flutter
- Product browsing, cart, order, complaints, profile

Admin & Employee Web Dashboard

- Built using **React and node**
- Role-based login for admin and employees
- Order assignment and tracking

🚚 Delivery Agent Mobile App

- •Shows assigned deliveries
- Marks delivery complete with image
- Real-Time Status & Role Management

Admin can assign roles (Assembly / Delivery)

Order moves through live status stages

(Assembly → Packing → Delivery → Completed)

Platform ensures fast delivery, organized staff workflow, and smooth customer experience

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What Are We Building?

- •Fast ordering and delivery platform
 Smooth and quick grocery shopping experience.
- •Real-time order and employee tracking Keep tabs on orders & staff status instantly.
- •Customer feedback & complaint support
 Easy way for customers to rate and report issues.
- •WhatsApp + Notification integration (Phase 2)
 Instant updates and support via WhatsApp and push notifications.

Technology

- Web Frontend
- Technologies: React 🔯 , HTML5 📄 , CSS 🎨 , JavaScript 💡
- Technology: Node.js
- 📕 Mobile App
- Technology: Flutter
- 🖥 Database
- Technology: MongoDB <
- Cloud Hosting
- Technology: AWS

Component	Technology Used
Web Frontend	React, HTML, CSS, JavaScript
API Backend	Node.js
Database	MongoDB
Mobile App	Flutter
Cloud Deployment	AWS

Customer App Features

✓ Login / Register

- Secure sign-in with email
- Forgot password support

Customer Profile

- View & update personal details
- Set delivery location

Browse Products

- Fetched live from Supermarket API
- Real-time availability

Cart Features

Add items to cart
Update or delete products
Clear all items

Checkout

Confirm address & products
Choose Online Payment or Cash on Delivery

Order History

View past orders anytime

Rate & Complain

Thumbs up/down after delivery Add compliments or report issues

Contact Supermarket

Quick access to contact or raise concerns

Admin Panel Features

- Secure Admin Login
- Access to full dashboard and controls
- **Employee & Delivery Agent Management**
- Add new employees & delivery agents
- Manage credentials (username & temp password)
- Reset passwords if needed
- **☑** Role Assignment
- Assign Assembly or Delivery roles
- Allocate tasks to specific employees/agents

☑ Order Status Tracking

View full order lifecycle:

- Ready for Assembly
- Ready for Delivery
- Delivered
- **Completed**
- **✓** Issue Reporting & Complaints

View customer complaints Report internal issues related to orders

Employee Panel Features

- Login with Admin-Created Credentials
- Temporary password assigned
- Reset on first login
- **✓** View Assigned Orders
- Only see the orders given by admin
- Focused interface for productivity
- Item Status Updates
- Mark each item as: Assembled, Not Available, Packed
- Real-time sync with backend
- Customer Order Details
- Access full product list, quantity, notes, etc.
- Mark as Ready for Delivery
- Notify admin once packing is completed

Delivery Agent App Features

- **✓** Login Using Agent Credentials
- Credentials provided by admin
- Simple authentication (PIN/code based)
- **View Today's Assigned Orders** View Today's Assigned Orders
- Display orders with address, product count, and customer info
- Mark Order as Delivered
- Upload delivery image image
- Update delivery status
- Delivery History
- List of all completed deliveries for the day/week
- Customer Confirmation
- Thumb up/down from customer
- Final delivery success confirmation

User Management

- Admin-Centric User Creation
- Only the Admin can create new users (employees & delivery agents)
- **Employee & Delivery Agent Setup**
- Admin assigns username and a temporary password
- Role is defined at the time of creation (e.g., Assembly or Delivery)
- Secure Login Workflow
- Users must reset password upon first login
- Authentication is simple (for internal use)
- Password Reset Control
- Only the Admin can reset passwords manually

Conclusion

Customer App Development In Progress

- Mock UI screens created (Login, Product List, Cart, Checkout, etc.)
- Data models for customer, orders, and product interaction are ready
- Backend API integration in development

Next Phase: Admin & Employee Panel

- Start building web dashboards for Admin and Employees
- Define role-based access and workflows (order assignment, packing updates)

o We're On Track To Deliver a Complete Supermarket Instant Delivery System



Any Questions?

