Online Grocery Delivery Management System

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Overview and Objectives

- **Problem Statement**: Traditional grocery shopping can be time-consuming and inconvenient. Many grocery delivery services face issues like delayed deliveries, inventory mismanagement, and lack of real-time updates, leading to customer dissatisfaction.

- **System Objectives**:

- Enhanced User Interface

- Real-time Updates

- Scheduling Flexibility

- Inventory Management

- Seamless Communication

System Features

- Key features:
- Browse and filter grocery items by category, brand, and availability.
- Real-time delivery tracking via GPS integration.
- Automated notifications for order confirmations and delivery updates.
- Inventory dashboard for efficient stock management.
- Integrated Stripe payment gateway for secure transactions.

Technology Stack

- **Front-end**: Visual Studio Code or Notepad++
- **Back-end**: Visual Studio Code or Notepad++
- **Database**: MySQL
- **APIs**: Google Maps for real-time tracking, Stripe for payments

Development Plan and Phases

- Planning and Design

- Development of Front-end (Notepad++)

- Development of Back-end(Notepad++)

- Database Setup (MySql)

- Testing and Debugging

- Deployment