

Project Planning Phase

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Team ID: LTVIP2026TMIDS91482

Project Name: Shop Smart: Your Digital Grocery Store Experience

1. Project Overview

Shop Smart is a digital grocery store platform designed to provide users with a seamless, convenient, and personalized online shopping experience. The system allows customers to browse products, add items to a cart, make secure payments, and track orders from anywhere.

2. Problem Statement

Traditional grocery shopping can be time-consuming and inconvenient. Many existing online platforms lack personalization, intuitive interfaces, or efficient inventory tracking. There is a need for a user-friendly and smart digital grocery system that enhances customer convenience and shopping efficiency.

3. Objectives

- Develop a responsive and easy-to-use web/mobile application.
- Provide categorized product listings with search and filter options.
- Implement secure login and payment systems.
- Enable order tracking and real-time inventory updates.
- Offer personalized recommendations based on user preferences.

4. Scope of the Project

In Scope:

- User registration and login
- Product browsing and search
- Shopping cart functionality
- Online payment integration
- Order history and tracking

Out of Scope:

- Physical delivery management
- Integration with third-party warehouses (initial phase)

5. Tools & Technologies (Proposed)

- Frontend: HTML, CSS, JavaScript / React
- Backend: Node.js / Python (Django/Flask)
- Database: MySQL / MongoDB
- Version Control: Git & GitHub

6. Expected Outcome

A functional prototype of a digital grocery shopping platform that improves convenience, saves time, and enhances user experience through smart features.