

**Project Design Phase**  
**Problem – Solution Fit**

Date	26-06-2025
Team ID	LTVIP2025TMID21098
Project Name	Shopsmart: Your Digital Grocery
Maximum Marks	2 Marks

**Problem – Solution Fit Overview:**

The Problem–Solution Fit ensures that ShopSmart addresses key gaps in the local grocery shopping experience and aligns with the real needs of both customers and local store owners.

This validation is essential before scaling the platform or introducing advanced features.

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**Purpose:**

- Bridge the gap between local customers and nearby grocery stores through a unified digital platform.
  - Offer a simple, seamless grocery shopping experience with cart, checkout, and order tracking.
  - Provide a vendor (store) dashboard for easy product management and order handling.
  - Give admins control to promote stores and maintain product quality across the platform.
  - Empower small/local grocery vendors with digital access and visibility—without high platform fees.
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**Problem Statement:**

Many customers and small grocery store owners face challenges such as:

- Limited online presence of local grocery stores on major e-commerce platforms
  - Lack of a grocery platform tailored for semi-urban towns, hostels, or residential communities
  - Complicated or generic interfaces not suited for grocery-specific use cases
  - High service fees or delivery charges that discourage local store participation
  - No accessible dashboard for vendors to manage inventory and customer orders
  - No centralized control for admins to feature trusted vendors or flag inactive ones
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**Solution:**

ShopSmart, a MERN-stack digital grocery platform, offers:

- A clean, responsive interface for discovering and ordering groceries from local stores
- Secure user and vendor authentication with role-specific dashboards
- A vendor dashboard to add/edit/delete products and manage live customer orders
- A cart-based checkout system with real-time status tracking of orders
- Admin capabilities for managing stores, viewing activity, and promoting vendors
- A low-cost or commission-free model supporting neighborhood grocery businesses
- Future potential for wallet integration, delivery agent modules, reviews, and loyalty programs