**Project Design Phase**

**Problem – Solution Fit Template**

| Date | 26-06-2025 |
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| Team ID | LTVIP2025TMID59448 |
| Project Name | ShopSmart |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Overview:**

The Problem–Solution Fit ensures that ShopSmart effectively addresses the challenges in grocery shopping faced by both consumers and local vendors. This validation is essential before expanding the platform.

### **Purpose:**

* Simplify and digitize the grocery shopping experience for users.
* Provide a centralized online platform for users to browse and purchase groceries.
* Support local vendors by enabling them to list and manage their products digitally.
* Minimize delivery delays and stock issues with real-time inventory updates.
* Improve customer convenience through features like wishlist, cart, and secure checkout.

### **Problem Statement:**

Customers and vendors face challenges such as:

* Inconvenience of physically visiting stores for daily grocery needs.
* Limited visibility into available products and their prices across stores.
* Difficulty in comparing items, brands, and getting real-time availability.
* Lack of a single platform that connects multiple local vendors with customers.
* Poor digital presence for small/local vendors to reach broader customers.

### **Solution:**

ShopSmart provides a robust and user-friendly digital grocery platform with:

* A centralized online store for browsing and buying groceries from multiple vendors.
* Smart product filtering based on category, brand, price, and availability.
* Real-time stock updates and vendor-controlled inventory management.
* Secure user accounts with cart, wishlist, order tracking, and purchase history.
* Support for offers, coupons, and scheduled delivery slots.
* Vendor panel to manage listings, orders, and track performance.
* Scalable backend to integrate additional stores and delivery partners.

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