**Project Design Phase**

**Problem – Solution Fit Template**

| Date | 26-05-2025 |
| --- | --- |
| Team ID | LTVIP2025TMID59352 |
| Project Name | ShopSmart:Your digital grocery store experience |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Overview:**

The ShopSmart platform is designed to address the inefficiencies of traditional grocery shopping methods and modern e-commerce limitations. It aims to serve everyday customers, sellers, and administrators by offering a fast, convenient, and secure way to shop, manage, and oversee grocery transactions online**.**

**Purpose:**

* To provide a seamless and secure online platform for grocery shopping.
* To empower sellers with tools for efficient inventory and order management.
* To enable administrators to monitor users, transactions, and system performance.
* To enhance convenience, trust, and satisfaction for all platform users

### Problem Statement:

Many customers and sellers face challenges such as:

* Long checkout queues and limited store hours for physical shopping.
* Poor organization and filtering on existing online grocery platforms.
* Lack of inventory and order management systems for small-scale sellers.
* Limited admin control over platform-wide operations, product flow, and issue escalation.
* Security concerns around online payments and personal data privacy.

### Solution:

ShopSmart, a full-featured grocery web application, offers:

* A user-friendly interface for customers to browse, filter, and securely purchase groceries.
* Role-based seller dashboards to manage products, inventory, and orders efficiently.
* Admin controls for monitoring transactions, managing users, and handling flagged issues.
* Integrated secure checkout system with encrypted transactions.
* Features like wishlist, order tracking, and notifications to enhance customer experience.
* Scalable, modular architecture to support future growth and integrations**.**