

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.