ShopEZ: Solution Requirements

**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 28-06-2025 |
| Team ID | LTVIP2025TMID55672 |
| Project Name | ShopEZ – One-Stop Shop for Online Purchases |
| Maximum Marks | 4 Marks |

# Project Overview

ShopEZ is a one-stop shop for all online purchasing needs, offering users a seamless experience to browse, select, and buy products from various categories.

The platform supports user authentication, product search, filtering, cart management, and order placement.

# Objectives

1. Build a user-friendly e-commerce website.

2. Provide admin features for product and order management.

3. Ensure security, scalability, and mobile responsiveness.

# Functional Requirements

- User registration and login/logout.

- Product listing, search, and filters.

- Shopping cart and order processing.

- Admin dashboard for inventory and order management.

# Non-Functional Requirements

- Responsive design.

- Secure transactions and data handling.

- Scalability to handle large user base.