**Project Design Phase**

**Proposed Solution Template**

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| Date | 15 February 2025 |
| Team ID | LTVIP2025TMID55069 |
| Project Name | shopez:one-stop shop for online purchases |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

| **S.No.** | **Parameter** | **Description** |
| --- | --- | --- |
| **1.** | **Problem Statement** | Traditional e-commerce solutions often lack a streamlined, single-stop platform for all types of products. Users face difficulty navigating between multiple websites for their needs. |
| **2.** | **Idea / Solution Description** | Shopez is a **one-stop e-commerce platform** built using the **MERN stack** (MongoDB, Express, React, Node.js). It enables users to **browse, add products to cart, place orders, and track their purchases**, while **admins can manage products and orders** seamlessly. |
| **3.** | **Novelty / Uniqueness** | Unlike existing platforms, Shopez offers **real-time product management**, a **simplified UI for both users and admins**, and a **secure authentication mechanism using JWT & bcrypt**. |
| **4.** | **Social Impact / Customer Satisfaction** | Shopez provides a **convenient, user-friendly shopping experience**, reducing the time and effort spent on multiple platforms, thereby **enhancing customer satisfaction**. |
| **5.** | **Business Model (Revenue Model)** | The platform can generate revenue through **seller commissions**, **subscription models for premium features**, and **advertisement placements** on the website. |
| **6.** | **Scalability of the Solution** | Shopez is designed with a **scalable architecture** (MERN stack) and can handle **large datasets, high traffic, and additional modules like payment gateways and AI-powered recommendations**. |