

Project Design Phase
Proposed Solution Template

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, Shoppez 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 .