Project Design Phase

Proposed Solution

Date	23 June 2025
Team ID	LTVIP2025TMID24654
Project Name	Shopez : one-stop shop for online purchases
Mentor Name	Dr Shaik Salma Begam
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Many online shoppers face difficulties in finding products easily, navigating cluttered interfaces, and experiencing slow or insecure checkout processes, leading to frustration and abandoned carts.
2.	Idea / Solution description	Shopez is a full-featured, user-friendly e-commerce platform built with the MERN stack. It offers intuitive navigation, powerful search and filtering, secure authentication, fast checkout, and robust admin management.
3.	Novelty / Uniqueness	Shopez stands out with its seamless user experience, real-time search and filtering, responsive design for all devices, and a dedicated admin dashboard for efficient management. Personalization and future AI features add uniqueness.
4.	Social Impact / Customer Satisfaction	Shopez enhances customer satisfaction by making online shopping easy, secure, and accessible. It saves users time, reduces frustration, and builds trust, leading to higher engagement and repeat purchases.
5.	Business Model (Revenue Model)	Shopez can generate revenue through product sales commissions, featured product placements, banner advertisements, and premium seller subscriptions.
6.	Scalability of the Solution	The platform is designed to scale horizontally, supporting more users, products, and transactions by leveraging cloud infrastructure, modular code, and database optimization.