Project Design Phase
Proposed Solution

Date	15 February 2026
Team ID	LTVIP2026TMIDS42166
Project Name	ShopEZ : One-Stop Shop for Online Purchases
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Online shoppers face issues like complicated navigation, slow checkout, and payment security concerns. Sellers struggle with manual order tracking and inventory management. A secure and efficient e-commerce platform is needed.
2.	Idea / Solution description	ShopEZ is a MERN-based e-commerce application that provides secure login, product browsing, cart management, order processing, and an admin dashboard for sellers.
3.	Novelty / Uniqueness	User-friendly interface, JWT-based authentication, centralized admin control, and scalable MERN architecture.
4.	Social Impact / Customer Satisfaction	Supports small sellers to go digital and improves customer trust with secure and smooth shopping experience.
5.	Business Model (Revenue Model)	Commission on sales, premium seller subscriptions, and featured product listings.
6.	Scalability of the Solution	Built on scalable MERN architecture and cloud deployment support for future growth.