

Project Design Phase

Solution Architecture

Date	18 February 2026
Team ID	LTVIP2026TMIDS83223
Project Name	Shopez-one stop shop for Online Products
Maximum Marks	4 Marks

Solution Architecture:

The architecture organizes the system into frontend, backend, database, and external services. The frontend (React.js) handles user interaction. The backend (Node.js & Express.js) manages APIs, authentication, product management, cart, and order processing. The database (MongoDB) stores users, products, carts, and orders securely.

Solution Architecture Diagram:

