

## Project Design Phase

### Solution Architecture

|               |                           |
|---------------|---------------------------|
| Date          | 18-07-2025                |
| Team ID       | PNT2025TMID10144          |
| Project Name  | ShopEZ E-commerce Website |
| Maximum Marks | 4 Marks                   |

#### Solution Architecture:

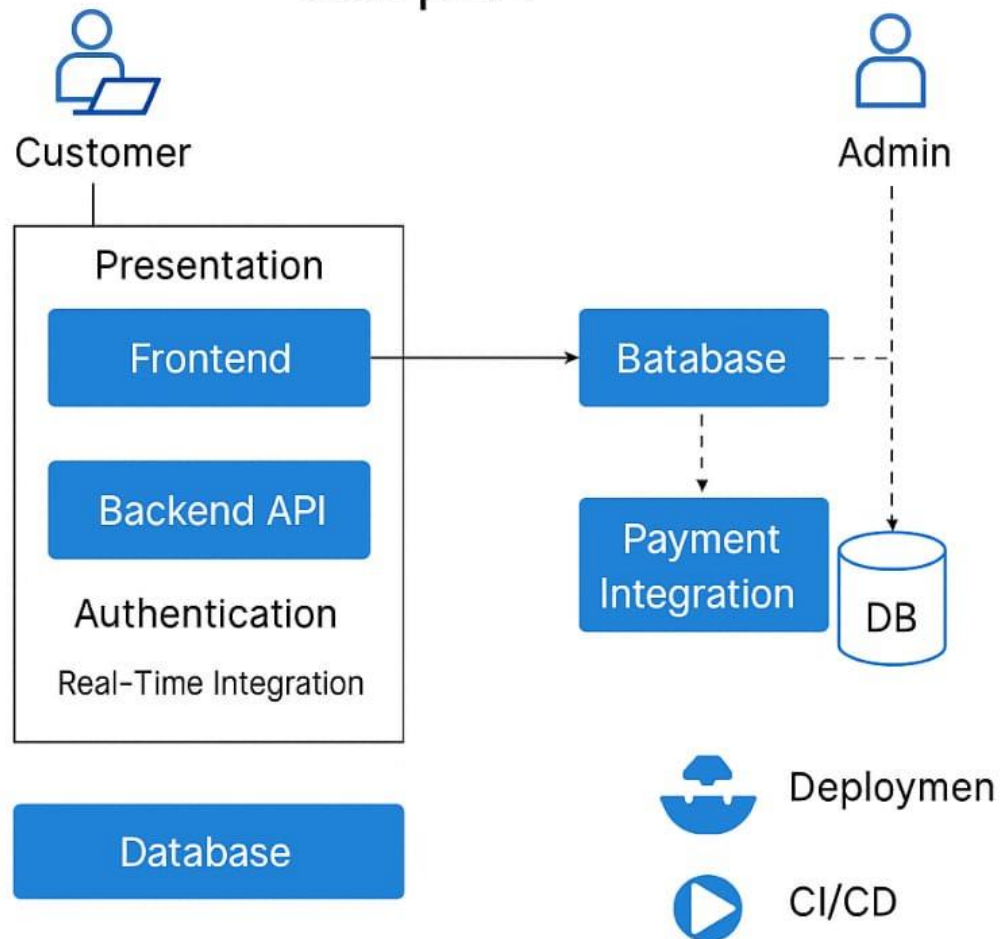
The solution architecture for ShopEZ provides a scalable, secure, and efficient e-commerce platform that enables seamless shopping experiences for users and powerful product management for admins and sellers. This architecture focuses on a modular and responsive design, payment integration, real-time data updates, and user account security.

- Add to wish list functionality
- Secure user authentication and session management
- Role-based access for admin, seller, and customer
- Order processing with invoice generation
- Integration with secure payment gateways

#### Solution Architecture Diagram:

# Solution Architecture

## ShopEZ



# Solution Architecture