Project Design Phase
Solution Architecture

Date	26 -05-2025
Team ID	LTVIP2025TMID53112
Project Name	*OrderOnTheGo*
Maximum Marks	4 Marks

Solution Architecture:

The solution architecture for *OrderOnTheGo* ensures a scalable, secure, and easy-to-use platform connecting users with local restaurants. The system is built on the **MERN stack** with separate modules for **user**, **restaurant**, and **admin** roles.

The architecture emphasizes:

- Seamless food ordering and restaurant listing
- Real-time cart and order management
- Secure user, restaurant, and admin login
- Scalable backend APIs with RESTful architecture
- Structured data flow between frontend, backend, and database
- Role-based dashboards with conditional rendering
- Admin control for promoting restaurants and managing visibility

Example - Solution Architecture Diagram: