Solution Architecture

Date	26 June 2025
Team ID	LTVIP2025TMID53479
Project Name	OrderOntheGo: your on-demand food ordering solution
Maximum Marks	4 MARKS

Solution Architecture Overview:

OrderOnTheGo is designed as a scalable and secure multi-role platform integrating users, restaurants, delivery agents, and admins.
Key components include:
• Intuitive UI for food discovery and ordering
• Real-time order status and delivery tracking
• Scalable user authentication using JWT and roles
• Secure payment integration (Razorpay/Stripe)
• Admin dashboard for analytics and system monitoring

Core Architecture Features:

• Microservices-oriented backend (Node.js + Express)
• MongoDB database with Mongoose ORM
• React-based frontend with responsive UI
• Socket.io for real-time updates
• Docker-ready deployment
• Notification system via SMS and email
• Scalable deployment on cloud (AWS/GCP/Azure)

Architecture Diagram (Placeholder):

Diagram can include: User → Frontend → API Gateway → Services → Database/Notifications/Payments