**Project Design Phase**

**Solution Architecture**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59421 |
| Project Name | OrderOnTheGo: Your On-Demand Food Ordering Solution |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

The Food Ordering App uses a modular architecture with a React frontend, Node.js backend, and MongoDB database.  
It integrates secure authentication, real-time order tracking, and payment gateways for seamless user and restaurant interactions.

* **Frontend:** React.js (Web) / React Native (Mobile)
* **Backend:** Node.js with Express.js for API services
* **Database:** MongoDB (hosted on MongoDB Atlas)
* **Authentication:** JWT-based login system with role-based access
* **Payment Gateway:** Integrated with Razorpay or Stripe
* **Order Tracking:** Real-time status updates using WebSockets or polling

**Example - Solution Architecture Diagram:**

