**Project Design Phase**

**Solution Architecture**

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| 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:**

