

## Project Design Phase-II

### Technology Stack (Architecture & Stack)

Date	24-06-2025
Team ID	LTVIP2025TMID55113
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

#### Technical Architecture:

OrderOnTheGo is built with a robust and scalable architecture that supports food ordering and restaurant management. The system is structured using a 3-tier architecture comprising:

- Presentation Layer (Frontend): Responsive interface for users and restaurant owners built with React.js and Tailwind CSS.
- Business Logic Layer (Backend): Node.js and Express.js APIs handle ordering, authentication, and data transactions.
- Data Storage Layer: MongoDB is used to store user data, restaurant details, order records, and payment history.

The platform integrates with external services such as Razorpay for payments and utilizes JWT for secure user sessions.

Table-1: Components & Technologies

S.No	Component	Description	Technology
1	User Interface	Web and mobile-friendly interface for customers and restaurant owners	HTML, CSS, JavaScript, React.js
2	Application Logic-1	Order management, cart, checkout	Node.js, Express.js
3	Application Logic-2	Admin panel, restaurant profile management	React.js, Node.js
4	Database	Stores user data, orders, menu items	MongoDB

**Table-2: Application Characteristics**

S.No	Characteristics	Description	Technology
1	Open-Source Frameworks	Frontend frameworks	React.js, Node.js, Bootstrap, Tailwind CSS
2	Scalable Architecture	Supports REST APIs and modular services	3-tier Microservices