

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	5 February 2026
Team ID	LTVIP2026TMIDS79872
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	<ul style="list-style-type: none"><li>- Registration through Form</li><li>- Registration via Gmail</li><li>- Login/Logout functionality</li></ul>
FR-2	Account Verification	<ul style="list-style-type: none"><li>- Confirmation via Email</li><li>- Secure OTP verification</li></ul>
FR-3	Menu & Catalog Management	<ul style="list-style-type: none"><li>- Browse food items and categories</li><li>- Real-time price and availability updates</li><li>- Search and filter functionality</li></ul>
FR-4	Ordering & Payment System	<ul style="list-style-type: none"><li>- Shopping cart management</li><li>- Checkout with secure payment integration</li><li>- Instant order confirmation notifications</li></ul>
FR-5	Merchant/Restaurant Dashboard	<ul style="list-style-type: none"><li>- Manage food listings and descriptions</li><li>- Track incoming orders and fulfillment status</li><li>- Update store status (Open/Closed)</li></ul>
FR-6	Administrative Oversight	<ul style="list-style-type: none"><li>- User and restaurant account management</li><li>- Review and manage platform feedback</li></ul>

### Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	A user-friendly and intuitive interface for both customers and restaurant staff.
NFR-2	Security	Role-based access control (RBAC), secure login protocols, and encrypted data storage.
NFR-3	Reliability	Consistent order processing and notification delivery without major system failures.
NFR-4	Performance	Fast response times for menu loading and payment processing, even during peak meal hours.
NFR-5	Availability	System availability > 99.9% with minimal downtime for server maintenance.
NFR-6	Scalability	Capable of expanding to include new restaurant partners and a growing customer base across different locations.