

**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	<b>User Authentication</b>	<ul style="list-style-type: none"> <li>- Registration through Form</li> <li>- Registration via Gmail</li> <li>- Login/Logout functionality</li> </ul>
FR-2	<b>Account Verification</b>	<ul style="list-style-type: none"> <li>- Confirmation via Email</li> <li>- Secure OTP verification</li> </ul>
FR-3	<b>Menu &amp; Catalog Management</b>	<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	<b>Ordering &amp; Payment System</b>	<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	<b>Merchant/Restaurant Dashboard</b>	<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	<b>Administrative Oversight</b>	<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.