

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

Date	19 February 2026
Team ID	LTVIP2026TMIDS42707
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 Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login using Email & Password Login using Gmail Forgot Password Remember Me option
FR-4	User Profile Management	View Profile Edit Profile Details Change Password Upload Profile Picture
FR-5	Product Management (Admin)	View Product List Search Product Filter by Category Sort by Price
FR-6	Product Browsing	Add to Cart Remove from Cart Update Quantity View Total Price

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should be user-friendly, easy to navigate, and accessible on mobile and web devices. Users should complete key actions (register, login, order) within 3–4 steps.
NFR-2	Security	User data must be encrypted. Passwords should be stored using hashing. The system must use secure authentication (JWT/OAuth) and HTTPS protocol.

NFR-3	Reliability	The system should function without crashes. In case of failure, data should not be lost and proper error messages should be displayed.
NFR-4	Performance	The system should load pages within 2–3 seconds. It should handle multiple users simultaneously without slowing down.
NFR-5	Availability	The application should be available 24/7 with at least 99% uptime. Maintenance downtime should be minimal and notified in advance.
NFR-6	Scalability	The system should support increasing users, products, and orders without performance issues. It should be deployable on cloud platforms (AWS/Azure).