

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

Date	15 February 2026
Team ID	LTVIP2026TMIDS80358
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	Users can register using email and password Secure password creation Role selection (Customer / Admin)
FR-2	User Authentication	Login using Email & Password JWT-based authentication
FR-3	Product Listing	View available food items Display product name, image, price, description
FR-4	Cart Management	Add items to cart Update quantity / Remove items
FR-5	Order Placement	Place food order securely Store order details in database Generate order confirmation
FR-6	Order Management	View order history Track order status (Pending / Preparing / Delivered)
FR-7	Admin Dashboard	Add / Edit / Delete food items Manage orders View customer details
FR-8	Notification System	Display order confirmation messages Show order status updates

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple and user-friendly interface allowing patients to book appointments easily without technical knowledge.
NFR-2	Security	JWT authentication, encrypted passwords, and secure document upload to protect user data and privacy.
NFR-3	Reliability	System ensures accurate appointment scheduling and consistent status updates without data loss.
NFR-4	Performance	Fast loading of dashboards and real-time booking actions through efficient API communication.
NFR-5	Availability	Platform accessible online anytime for patients, doctors, and admins to manage appointments.
NFR-6	Scalability	MongoDB and REST architecture allow future expansion to more users, doctors, and healthcare services.