

**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.

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