

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

Date	16 June 2025
Team ID	LTVIP2025TMID59338
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	Restaurant Browsing & Ordering	View all restaurants View popular restaurants View individual restaurant menu Add to cart Place order
FR-4	Cart & Order Management	View/edit cart Remove item Place order View order history
FR-5	Admin & Restaurant Dashboard	View/manage restaurants View/manage orders Approve restaurant signups
FR-6	User Profile Management	View user profile Update profile info View past orders

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The app should have a clean and intuitive UI (React + TailwindCSS), accessible by all user types.
NFR-2	Security	User passwords are hashed (bcrypt), and JWT tokens are used for secure login and route protection.
NFR-3	Reliability	MongoDB Atlas + Express.js ensures reliable data storage and consistent backend responses.
NFR-4	Performance	Optimized API calls and efficient state updates ensure fast interactions, even with large menus.

NFR-5	Availability	Hosted on cloud platforms to maintain 24/7 availability (can deploy to Render/Netlify).
NFR-6	Scalability	Easily scalable with additional restaurant or user data due to use of NoSQL (MongoDB).