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

Date	31 January 2025
Team ID	LTVIP2025TMID55302
Project Name	OderGo – Food Ordering MERN App
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	Food Browsing & Filtering	- View restaurants - Filter by category (veg/non-veg/beverage) - Sort by price, rating
FR-4	Cart & Order Processing	- Add to Cart - Modify quantity - Checkout & place order
FR-5	Admin Features	- Login as Admin - Add/Edit/Delete food items - View 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, user-friendly UI optimized for all devices.
NFR-2	**Security**	JWT authentication, password hashing using bcrypt, and secure APIs.
NFR-3	**Reliability**	MongoDB Atlas with auto-failover and data replication ensures re
NFR-4	**Performance**	Optimized API calls, lazy loading, and CDN usage for fast loading t
NFR-5	**Availability**	Deployed on cloud platforms (Vercel/Render) for high uptime and accessibility.

| NFR-6 | **Scalability** | Scalable architecture using modular routes and potential for microservices. |