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

Date	19-02-2026
Team ID	LTVIP2026TMIDS47541
Project Name	OrderOnTheGo
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

Functional Requirements – Music Streaming App

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	Sign up, Login, Logout, Password Reset
		JWT token-based secure access
FR-2	Restaurant & Product Discovery	View promoted and regular restaurants
		Search and filter food products
FR-3	Cart & Order Management	Add/remove products to/from cart
		Place order and track order status
FR-4	Restaurant Dashboard	Login and manage products
		Update order status
FR-5	Admin Dashboard	View all restaurants and users
		Promote restaurants
FR-6	Order History & Review	View previous orders
		Post-delivery review system (optional)

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Intuitive UI for all roles (User, Restaurant, Admin) with responsive layout
NFR-2	Security	Encrypted communication (HTTPS), JWT auth, role-based access control
NFR-3	Reliability	Ensure cart operations, ordering, and logins function smoothly under all loads
NFR-4	Performance	Load homepage, menu, and cart within 2 seconds; order actions near-instant
NFR-5	Availability	Maintain 99.9% uptime on backend and frontend services
NFR-6	Scalability	Architecture should support adding features like delivery tracking, reviews