

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date:	1 july 2025
Team ID:	LTVIP2025TMID54172
Project Name:	ShopSmart: Your Digital Grocery Store Experience
Maximum Marks:	4 Marks

Functional Requirements

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	Product Browsing	View products by category
		Search and filter products
		View detailed product information
FR-4	Shopping Cart & Checkout	Add/update/remove items from cart
		Secure checkout process
		Order confirmation
FR-5	Seller Panel	Add/edit/delete product listings
		View/manage orders
		Update inventory
FR-6	Admin Panel	Monitor platform performance
		Handle user inquiries
		Process payments
FR-7	User Profile Management	Edit profile details
		View order history
		Save delivery addresses

Non-Functional Requirements

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Intuitive UI for customers, sellers, and admins

NFR-2	Security	Encrypted transactions and secure login/authentication
NFR-3	Reliability	Stable performance with minimal crashes
NFR-4	Performance	Fast load times and responsive actions across the platform
NFR-5	Availability	Accessible 24/7 with minimal downtime
NFR-6	Scalability	Easily accommodates growing users, sellers, and product inventory