

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

Date	31 January 2025
Team ID	SWTID1743782632
Project Name	Shopez
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 Gmail
FR-2	Product Booking	User books Products, Clicking on buy now
FR-3	Admin Dashboard	View Products, Users and sales
FR-4	User Dashboard	View Purchases and cart
FR-5	Admin panel	User management, role assignment, view reports

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Clean, modern UI using React.js and Tailwind CSS
NFR-2	Security	User authentication, secure data storage
NFR-3	Reliability	MongoDB Atlas ensures consistent data access
NFR-4	Performance	Fast load times, optimized backend with Node.js
NFR-5	Availability	Hosted on scalable cloud platform with 99.9% uptime
NFR-6	Scalability	Supports growing number of users