

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

Date	24-June-2025
Team ID	LTVIP2025TMID56117
Project Name	Shop Smart
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, Password Reset
		OAuth login using Google / GitHub
FR-2	Product Management (Admin)	<ul style="list-style-type: none">- Add/Edit/Delete grocery products- View product inventory
FR-3	Product Browsing & Search (User)	<ul style="list-style-type: none">- Browse products by category- Search for specific products

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR -1	Usability	The platform should offer a clean, intuitive UI for users of all skill levels.
NFR -2	Security	All data transfers must be encrypted. Implement role-based access and token auth.
NFR -	Performance	Pages should load within 2 seconds. Chat and job posting actions should be near-instant.
NFR -	Availability	The system should maintain 99.9% uptime across all services.
NFR -	Scalability	Should support high concurrency and rapid feature scaling through microservices.