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

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Date	24-June-2025
Team ID	LTVIP2025TMID53008
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)**	- Add/Edit/Delete grocery products - View product inventory
FR-3	**Product Browsing & Search (User)**	- 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.