

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

Date	31 January 2025
Team ID	SWTID1743696165
Project Name	Bookie Nest: Book management website
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 Form
		Registration through Gmail
		Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email
FR-3	Book Management	Add and Delete Books
		View Book Details
FR-4	Cart Management	Add and Delete Books to cart
		View Cart Details
FR-5	Book Management	Add, Edit, and Delete Shows
		View Book Details
FR-6	Purchase	Purchase
FR-7	User Profile	Edit User Details
		View Reading History
FR-8	Reviews and Ratings	Add, Edit, and Delete Reviews
		View Ratings for book
FR-9	Search Functionality	Search Books and Genre
FR-10	Admin Management	Admin Login and Dashboard
		Manage Users, Books

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should have an intuitive and user-friendly interface for all users.
NFR-2	Security	User data should be encrypted, and authentication should use JWT tokens.
NFR-3	Reliability	The system should handle failures gracefully and ensure data consistency.
NFR-4	Performance	The system should load pages within 2 seconds under normal load conditions.
NFR-5	Availability	The system should have 99.9% uptime to ensure continuous availability.
NFR-6	Scalability	The system should scale to handle increased traffic during peak times.