

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

Date	19-12-2025
Team ID	
Project Name	Bookstore (StoryShelf)
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

Functional Requirements – Book Store

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Authentication	Sign up, Login, Logout
		Role-based Login (Admin / Seller / User)
FR-2	Book Browsing & Discovery	Browse and Search Books
		Filter by Author, Genre, Price
		View Book Details
FR-3	Cart & Wishlist Management	Add / Remove items from Cart
		Manage Wishlist
		Proceed to Checkout
FR-4	Order Management	Place Orders
		View Order History
		Update Order Status (Seller)
FR-5	Seller Module	Add / Edit / Delete Books
		Manage Pricing
FR-6	Admin Module	Manage Users
		Manage Sellers
		Monitor System Activities

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Interface should be clean, simple, and user-friendly.
NFR-2	Security	Secure authentication, HTTPS, encrypted data storage.
NFR-3	Reliability	Pages should load within 2 seconds.
NFR-4	Performance	System should handle operations without failure.
NFR-5	Availability	System should provide 99.9% uptime.
NFR-6	Scalability	System should support increasing users and books smoothly.