

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	28 June 2025
Team ID	LTVIP2025TMID42539
Project Name	Booknest
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration via Gmail Registration via Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Book Browsing	View books by categories Search books by title, author, genre
FR-4	Shopping Cart & Checkout	Add/remove books from cart Proceed to checkout Apply coupons
FR-5	Payment Processing	UPI, Credit/Debit Card, Net Banking support
FR-6	Order Management	Track order status View past orders
FR-7	Admin Dashboard	Add/edit/delete books View customer data Manage inventory

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	UI should be intuitive and user-friendly across mobile and web platforms
NFR-2	Security	Use HTTPS, hashed passwords, and secure payment gateways
NFR-3	Reliability	System must be up 99.9% of the time; orders should not be lost
NFR-4	Performance	Pages should load within 3 seconds under normal load conditions
NFR-5	Availability	The system should support 24x7 operations with minimal downtime
NFR-6	Scalability	Should support 10,000+ users without performance degradation