Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	31 January 2025
Team ID	LTVIP2025TMID20432
Project Name	BookNest: Where Stories Nestle
Maximum Marks	4 Marks

Functional Requirements

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 Confirmation via OTP
FR-3	Book Browsing & Search	Browse books by category Search by title/author/genre Filter by price, rating
FR-4	Book Details Page	View book summary Author information User reviews and ratings
FR-5	User Profile	View and update profile Reading history Wishlist
FR-6	Cart and Checkout	Add/remove books from cart Checkout with payment gateway Order confirmation
FR-7	Admin Dashboard	Manage books (add/edit/delete) View sales and user metrics Moderate reviews
FR-8	Reviews and Ratings	Submit reviews Rate books Report inappropriate content

Non-functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User-friendly and intuitive UI for easy navigation and accessibility
NFR-2	Security	Secure authentication, data encryption, and protection against threats
NFR-3	Reliability	System should be stable and handle unexpected errors gracefully
NFR-4	Performance	Quick load times and responsive actions across all devices
NFR-5	Availability	System should maintain 99.9% uptime with regular monitoring
NFR-6	Scalability	System should handle increasing users, books, and transactions seamlessly