

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

Date	25 March 2025
Team ID	<b>SWTID1743347281</b>
Project Name	Book Store
Maximum Marks	4 Marks

**Functional Requirements:**

The following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	User Registration	Users should be able to sign up using email and password.
FR-3	Book Management	Add Book Edit Book Delete Book View Book List
FR-4	Authentication	Login Logout Password Encryption Token Generation
FR-5	Book Browsing	Search Book Filter by Genre/Price View Book Details
FR-6	Admin Dashboard	View Users View Book Stats Manage Inventory

## Non-functional Requirements:

The following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should provide an intuitive and user-friendly interface.
NFR-2	Security	User data should be protected with encryption using dotenv jwt key authentication.
NFR-3	Reliability	The system should function correctly under expected usage conditions.
NFR-4	Performance	The application should load pages and respond to requests within 2 seconds.
NFR-5	Availability	The system should be available 99% of the time during working hours.
NFR-6	Scalability	The system should be able to handle increasing numbers of users and books.