

Project Design Phase-II

Data Flow Diagram & User Stories

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

Data Flow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DFD Level 0 (Context Diagram)

Entities:

- User
- Admin
- Payment Gateway

Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Registration	USN-1	As a user, I can register using email and password	I can access my account/dashboard	High	Sprint-1
Registration	USN-2	As a user, I will receive a confirmation email after registering	I can confirm via email	High	Sprint-1
Registration	USN-3	As a user, I can register via LinkedIn	I can log in through LinkedIn	Low	Sprint-2
Registration	USN-4	As a user, I can register via Gmail	I can log in through Gmail	Medium	Sprint-1
Login	USN-5	As a user, I can log in with my email and password	I can securely access my dashboard	High	Sprint-1

Book Browsing	USN-6	As a user, I can search books by title or author	Search results are relevant	High	Sprint-1
Cart & Checkout	USN-7	As a user, I can add books to cart and checkout	Successful payment and order confirmation	High	Sprint-2
Review System	USN-8	As a user, I can post reviews and rate books	Reviews appear under the book	Medium	Sprint-2
Profile	USN-9	As a user, I can view and edit my profile	Profile is updated and shown correctly	Medium	Sprint-3
Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Book Management	USN-10	As an admin, I can add/edit/delete books	Books are correctly updated in the system	High	Sprint-1
User Monitoring	USN-11	As an admin, I can view user activity	User logs are visible in the dashboard	Medium	Sprint-3
Review Moderation	USN-12	As an admin, I can remove inappropriate reviews	Review is deleted and no longer visible	High	Sprint-2

BookNest Data Flow Graph

BookNest Data Flow Graph

