

DATA FLOW DIAGRAM AND USER STORIES

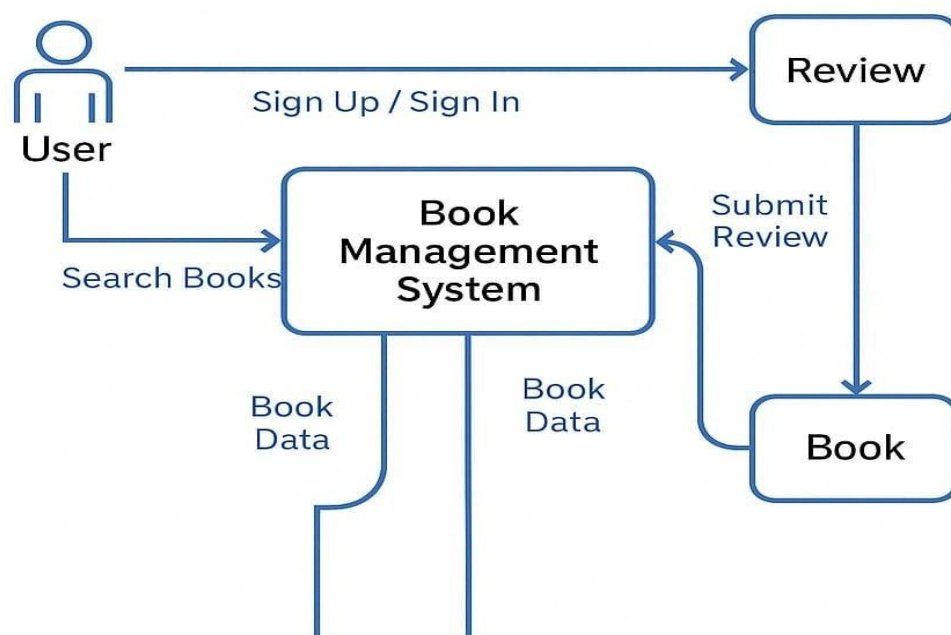
Date	23 JUNE 2025
Team ID	LTVIP2025TMID53063
Project name	BOOK NEST: WHERE STORIES NESTLE
Marks	4 MARKS

DATA FLOW DIAGRAM :

Data Entities for DFD :

- **User** (UserID, Name, Email, Password, Address)
- **Book** (BookID, Title, Author, Price, ISBN, Stock)
- **Cart** (CartID, UserID, BookID, Quantity)
- **Order** (OrderID, UserID, OrderDate, Status, TotalAmount)
- **Payment** (PaymentID, OrderID, Amount, PaymentMethod, Status)
- **Admin** (AdminID, Username, Password)

Data Flow Diagram for Booknest



USER STORIES:

) User Stories (Agile Format)

As a User:

- 1. Registration/Login
 - As a user, I want to register and log in so that I can buy books from the store.
- 2. Browse Books
 - As a user, I want to browse and search for books so that I can find titles I'm interested in.
- 3. Add to Cart
 - As a user, I want to add books to my cart so that I can purchase them together.
- 4. Checkout
 - As a user, I want to securely make payments and track my orders.
- 5. Order History
 - As a user, I want to view past orders so I can reorder or review them.

As an Admin:

- 1. Manage Catalog
 - As an admin, I want to add or remove books so that the catalog stays current.
- 2. View Orders
 - As an admin, I want to view order data so I can analyze performance.

User Story Number	User Story
USN-1	As a user, I can sign up by providing my email and password.
USN-2	As a user, I can sign in using my email and password.
USN-3	As a user, I can view a list of books with title, author, and genre.
USN-4	As a user, I can search for books using a keyword.
USN-5	As a user, I can write a review for a book with a rating