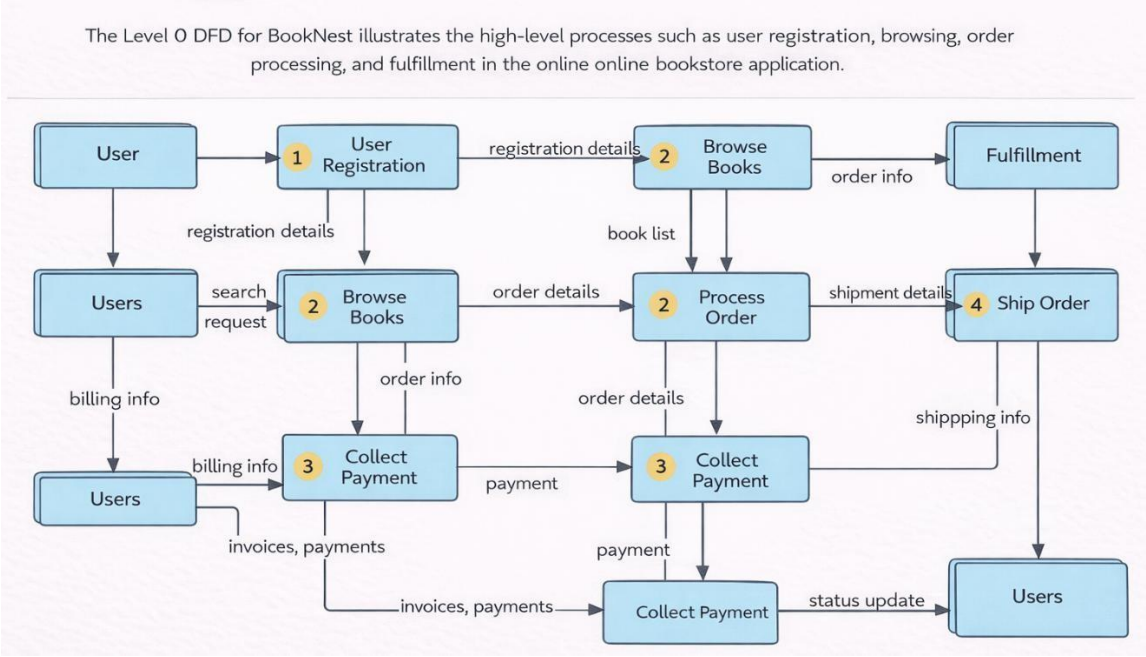
Project Design Phase-II
Data Flow Diagram & User Stories

Date	1 Feb 2026
Team ID	LTVIP2026TMIDS77456
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. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register using email and password.	I can successfully create an account and access dashboard.	High	Sprint-1
Customer (Mobile User)	Login	USN-2	As a user, I can login using email and password.	User can access account with valid credentials.	High	Sprint-1

Customer (Mobile User)	Browse Books	USN-3	As a user, I can browse books by category or search.	Relevant books are displayed based on category or search.	High	Sprint-1
Customer (Mobile User)	Cart	USN-4	As a user, I can add books to cart.	Selected books appear in cart.	High	Sprint-1
Customer (Mobile User)	Checkout	USN-5	As a user, I can place an order by providing shipping details.	Order is created with unique Order ID.	High	Sprint-1
Customer (Mobile User)	Orders	USN-6	As a user, I can view my order history.	All previous and current orders are displayed.	Medium	Sprint-2
Customer (Web user)	Registration & Login	USW-1	As a web user, I can register and login.	User can access dashboard after authentication.	High	Sprint-1
Customer (Web user)	Checkout	USW-2	As a web user, I can complete checkout and payment.	Order confirmation page is displayed	High	Sprint-2
Seller	Book Management	USS-1	As a seller, I can add new books.	Book is stored in database and visible to users.	High	Sprint-1
Seller	Book Management	USS-2	As a seller, I can update book details.	Updated information is reflected in system.	High	Sprint-1
Seller	Orders	USS-3	As a seller, I can view orders placed for my books.	Seller dashboard shows order details.	High	Sprint-1
Administrator	User Management	USA-1	As an admin, I can view and manage users.	Admin dashboard displays user list.	High	Sprint-1
Administrator	Seller Management	USA-2	As an admin, I can approve or block sellers.	Seller status is updated successfully.	High	Sprint-1