

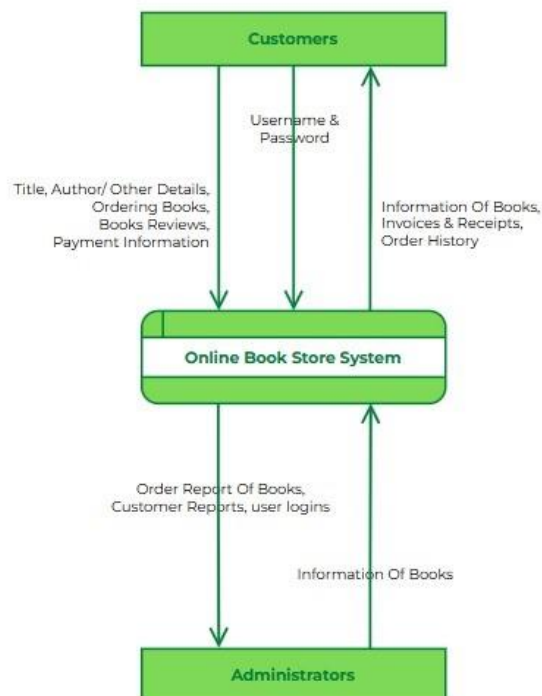
Project Design Phase-II

Data Flow Diagram & User Stories

Date	30 March 2025
Team ID	SWTID1743347281
Project Name	Book Store
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
User	Registration	US-001	As a user, I can register with email, password, and confirm password to create an account.	User is successfully registered and redirected to the dashboard.	High	Sprint-1
User	Login	US-002	As a user, I can log in with my credentials.	User is redirected to the dashboard and receives a valid token.	High	Sprint-1
User	Book Search	US-003	As a user, I can search for books by title or author.	Matching books are displayed dynamically as I type.	High	Sprint-1
User	Book Purchase	US-004	As a user, I can purchase a book using my balance.	Book is added to profile and balance is updated.	High	Sprint-1
User	Balance Check	US-005	As a user, I can view my current balance after purchases.	Remaining balance is displayed correctly.	Medium	Sprint-2
Admin	Add Books	US-006	As an admin, I can add new books to the catalog.	Books appear instantly for users to purchase.	High	Sprint-1
Admin	Delete Books	US-007	As an admin, I can delete	Deleted books no longer	High	Sprint-1

			existing books.	appear in the catalog.		
Admin	Popular Book Analytics	US-008	As an admin, I can view which book is most popular among users.	The most purchased book is highlighted in analytics.	Medium	Sprint-2
Admin	Admin Login	US-009	As an admin, I can log in using admin credentials.	Admin dashboard is accessible upon successful login.	High	Sprint-1
User	View Purchased Books	US-010	As a user, I can view the books I've purchased.	A list of purchased books is visible on my dashboard.	Medium	Sprint-2