Requirement Gathering and Analysis Phase
Data Flow Diagram & User Stories

Date	6 July 2024
Team ID	SWTID1720110658
Project Name	BookStore
Maximum 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.

Data Flow Diagram for Book Store web app
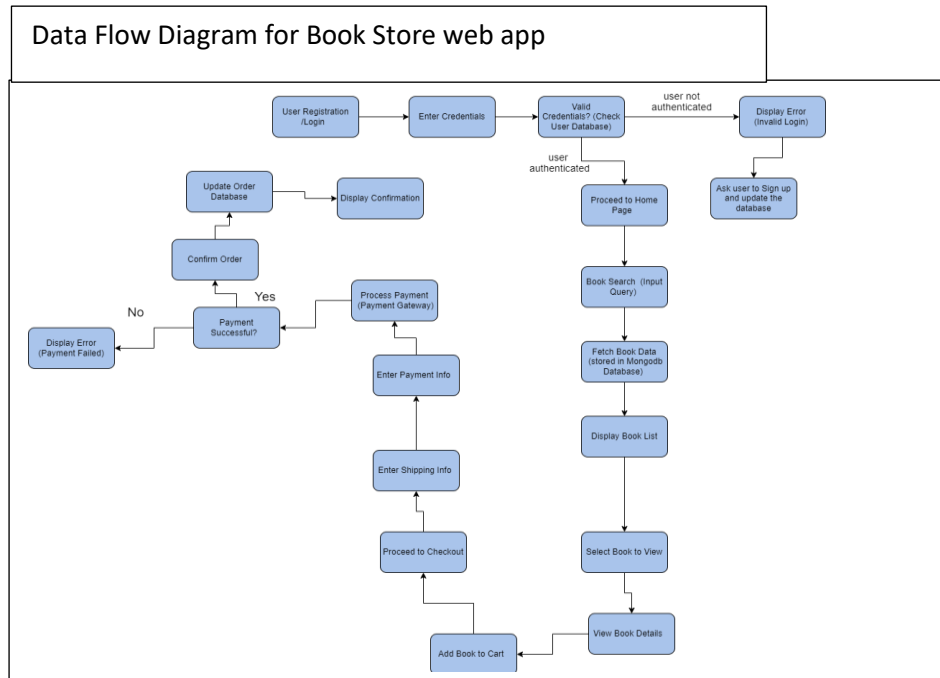
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer	Registration	USN-1	As a user, I can register for the application by entering my Firstname, lastname, email, contact information, password, and confirming my password, address, city, state, country, postal code, DOB, preferred genre.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive a confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can access my account / dashboard	High	Sprint-1
		USN-5	As a user, I can log into the application by Gmail directly	I can access my account / dashboard	High	Sprint-1
	Book Listing	USN-6	As a user, I can view a list of available books with details like title, author, genre, description, price, and availability status	I can see a comprehensive list of books with all relevant details	High	Sprint-2
	Book Selection	USN-7	As a user, I can filter and select books based on genre, author, ratings, and popularity	I can filter and view books according to my preference	High	Sprint-2
	Cart Functionality	USN-8	As a user, I can add books to my cart and specify quantities	I can add books to my cart and specify the number of copies	High	Sprint-2
	Purchase Process	USN-9	As a user, I can securely purchase books, generating an order and updating inventory	I can complete the purchase process securely	High	Sprint-3
	Order Confirmation	USN-10	As a user, I receive an order confirmation with details of my order	I can see the order details and confirmation	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Order History	USN-11	As a user, I can view my past and current orders, track shipments, and rate my shopping experience	I can view my order history and track shipments	Medium	Sprint-4
Organizer	Organizer Dashboard	USN-12	As an organizer, I can manage book listings, inventory levels, and orders	I can access and manage book listings, inventory, and orders	High	Sprint-5
		USN-13	As an organizer, I can create, view, and update book items	I can create new book items and update existing ones	High	Sprint-5
Administrator	Admin Dashboard	USN-14	As an admin, I can manage user accounts, orders, and platform-related activities	I can manage user accounts and orders	High	Sprint-6
		USN-15	As an admin, I can manage user and organizer accounts comprehensively	I can manage both user and organizer accounts	High	Sprint-6
Customer (Mobile & Web)	Integration	USN-16	As a user, I can securely make payments through a third-party payment API	I can complete payments securely	High	Sprint-7
		USN-17	As a user, I can track shipments through a third-party shipping logistics API	I can track my shipments using the provided tracking information	Medium	Sprint-7
		USN-18	As a user, I can receive book recommendations through a third-party API	I can see book recommendations based on my preferences	Medium	Sprint-7