Project Design Phase-II
Data Flow Diagram & User Stories
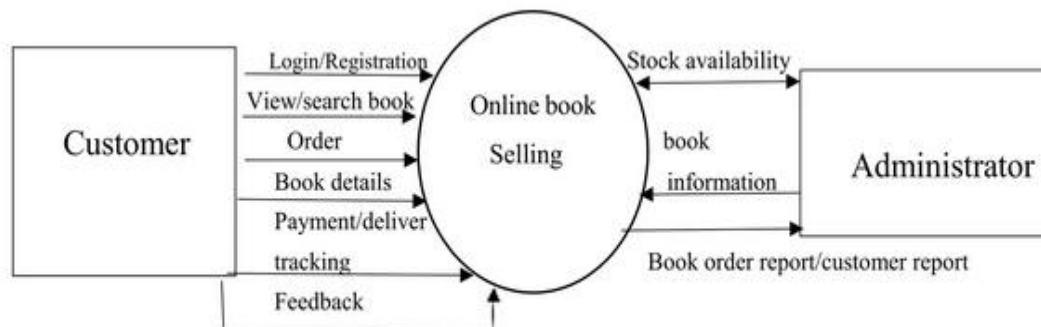
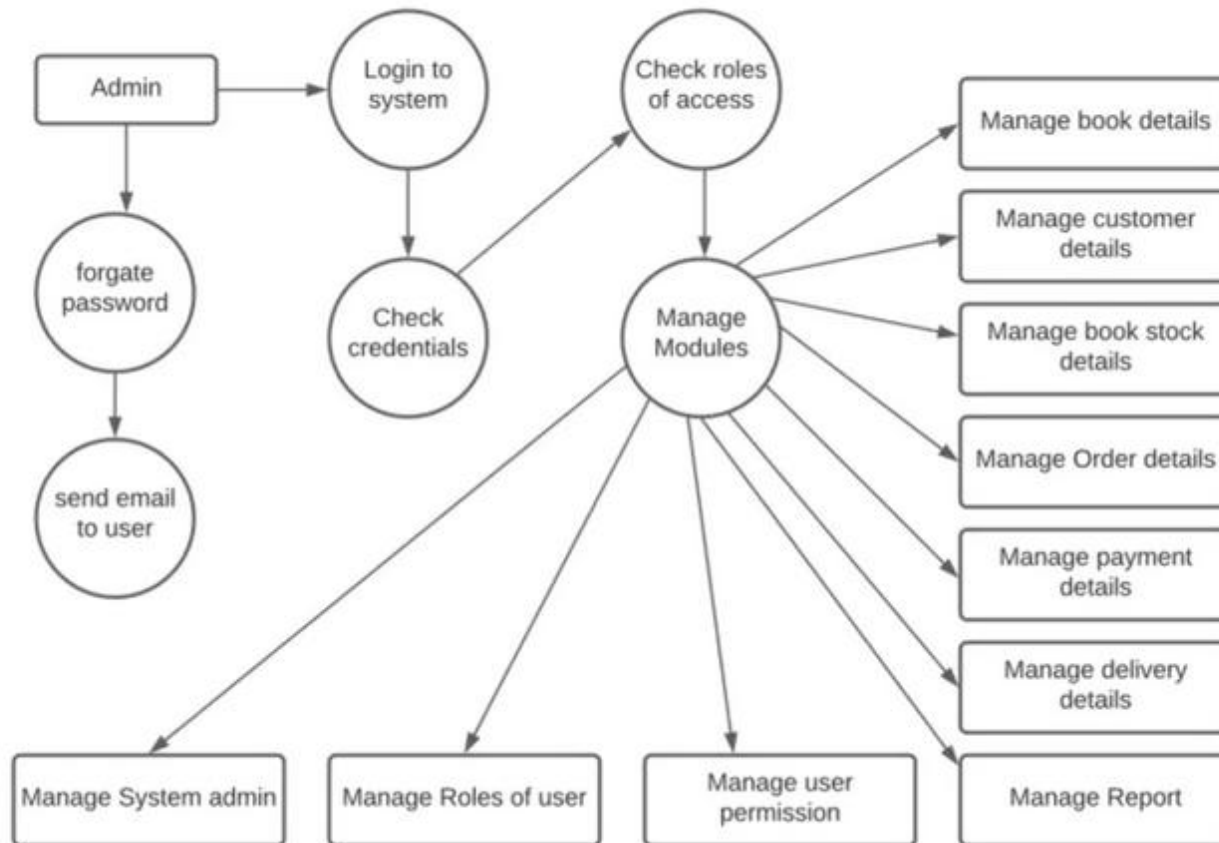| Date	5 April 2025
Team ID	SWTID1743696165
Project Name	Bookie Nest: Book management website
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) for **Bookie Nest** is a graphical tool used to represent the flow of data within the online book store system. It visually illustrates how data moves from user input—such as browsing books or placing orders—to various processes like search, cart management, and payment handling. It also shows interactions with external entities such as users and administrators, as well as internal storage areas like book inventory and order records. The DFD helps in understanding how information is processed within **Bookie Nest**, from user actions to database updates and administrative tasks. This makes it an essential tool during the planning and analysis phase, offering stakeholders a simplified yet comprehensive view of the platform's functionality and data interactions.

Example:

Level-0 DFD:

Level -1 DFD:

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 (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive 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 Google	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	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-5	As a user, I can log into the application by entering email & password	I can access the dashboard	High	Sprint-1
	Dashboard	USN-6	As a user, I can view upcoming Books, location, and timings	I can see and select book based on filters	High	Sprint-2
Customer (Web user)	Purchase	USN-7	As a user, I can select Books and buy it	I receive purchase confirmation	High	Sprint-2
	Payment	USN-8	As a user, I can pay via UPI/Credit Card/Net Banking	Payment goes through and receipt is generated	High	Sprint-3
Customer Care Executive	Purchase Support	USN-9	As an executive, I can view and help with customer Purchase and Return	I can search, view, and update Book in my cart	Medium	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Administrator	Book Management	USN-11	As an admin i can add/delete/update Books in my cart	Changes reflect on web platforms	High	Sprint-2
	User Management	USN-12	As an admin, I can view and manage user accounts	I can deactivate/reactivate any account	Medium	Sprint-3
	Reports & Analytics	USN-13	As an admin, I can generate purchase reports and monthly summary	I can download and analyze reports	Medium	Sprint-4