Project Design Phase-II

Data Flow Diagram & User Stories

Date	24 June 2025
Team ID	LTVIP2025TMID53966
Project Name	BookNest: Where Stories Nestle
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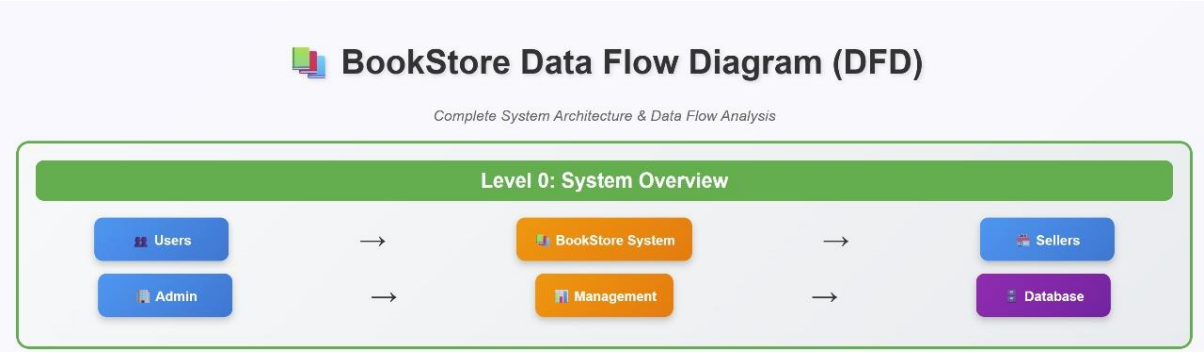
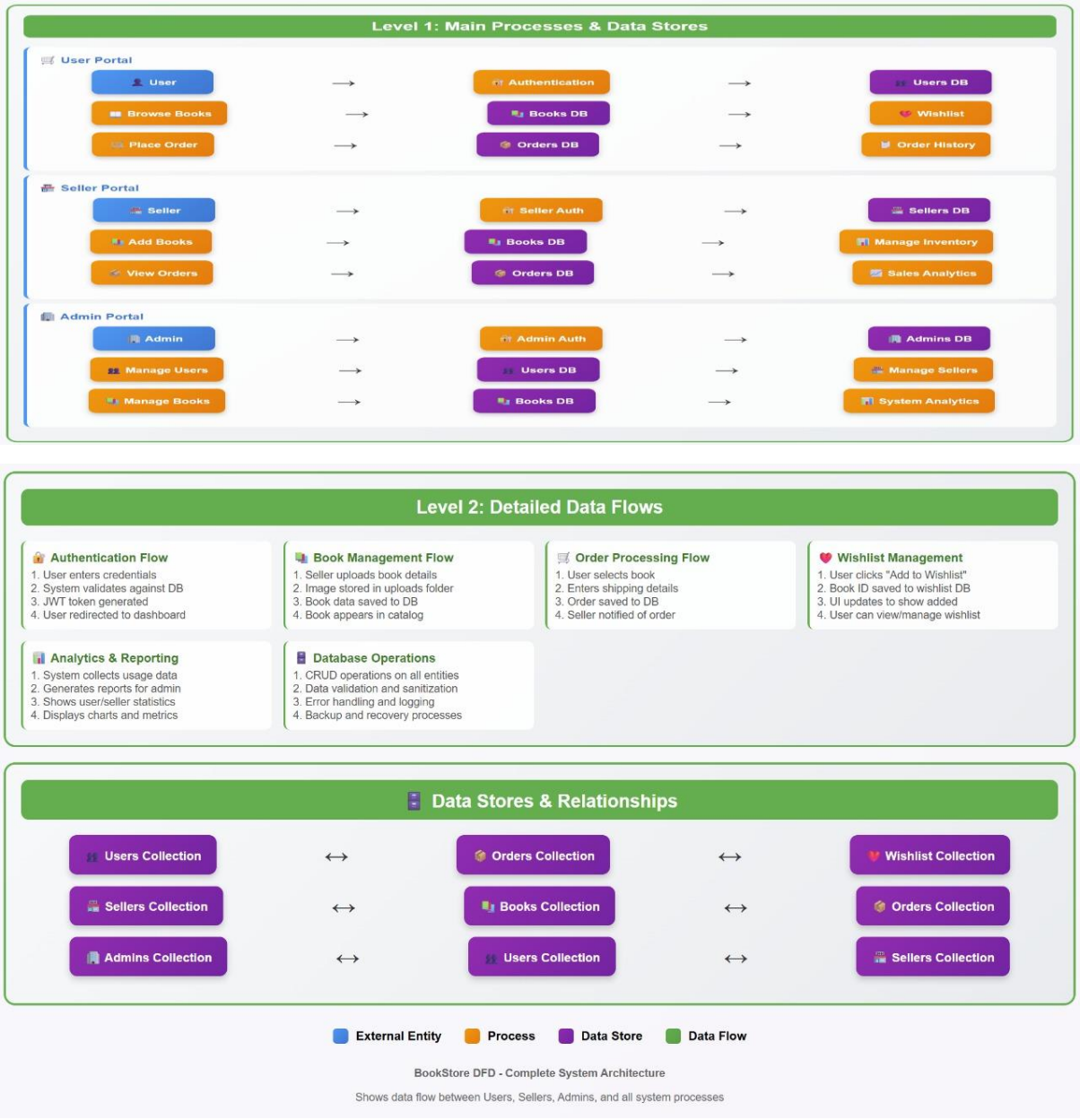
Maximum Marks	4 Marks

Data Flow Diagram (DFD)

A Data Flow Diagram (DFD) visually represents how information flows within Shopez. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DFD:





Description:

- Users place orders, which are processed and stored.
- Order processing generates invoices and collects payment.
- Shipping and fulfillment are managed, and users can track their orders.

USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile/Web)	Registration	BN-US-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
Customer (Mobile/Web)	Registration Confirmation	BN-US-2	As a user, I will receive a confirmation email or OTP once I register for the application.	I receive a confirmation email/OTP and can verify my account	High	Sprint-1
Customer (Mobile/Web)	Login	BN-US-3	As a user, I can log into the application using my email and password.	I can log in and access my dashboard	High	Sprint-1
Customer (Mobile/Web)	Book Browsing & Search	BN-US-4	As a user, I can browse books by genre and search by title/author.	I can view filtered and searched book results	High	Sprint-1
Customer (Mobile/Web)	Cart & Order Placement	BN-US-5	As a user, I can add or remove books to/from my cart and place an order.	I can manage my cart and receive an order confirmation	High	Sprint-2
Customer (Mobile/Web)	View Order History & Tracking	BN-US-6	As a user, I can view my past orders and track current deliveries.	I can see a list of past orders with tracking updates	Medium	Sprint-2
Customer (Mobile/Web)	Invoice & Payment	BN-US-7	As a user, I can view my invoice and complete secure payment for an order.	Invoice is generated and payment is processed securely	High	Sprint-2
Administrator	Admin Book Management	BN-US-8	As an admin, I can add, edit, or delete books from the catalog.	Admin can manage book data in real-time	High	Sprint-2
Administrator	Admin User & Order Management	BN-US-9	As an admin, I can manage users and view all customer orders.	Admin can view and control user/order data from the admin panel	High	Sprint-2
Administrator	Banner Management	BN-US-10	As an admin, I can manage homepage banners for promotions.	Admin can update promotional banners visible to customers	Medium	Sprint-3