Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 April 2025
Team ID	SWTID1743511993
Project Name	Shopez: E-Commerce Application
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.
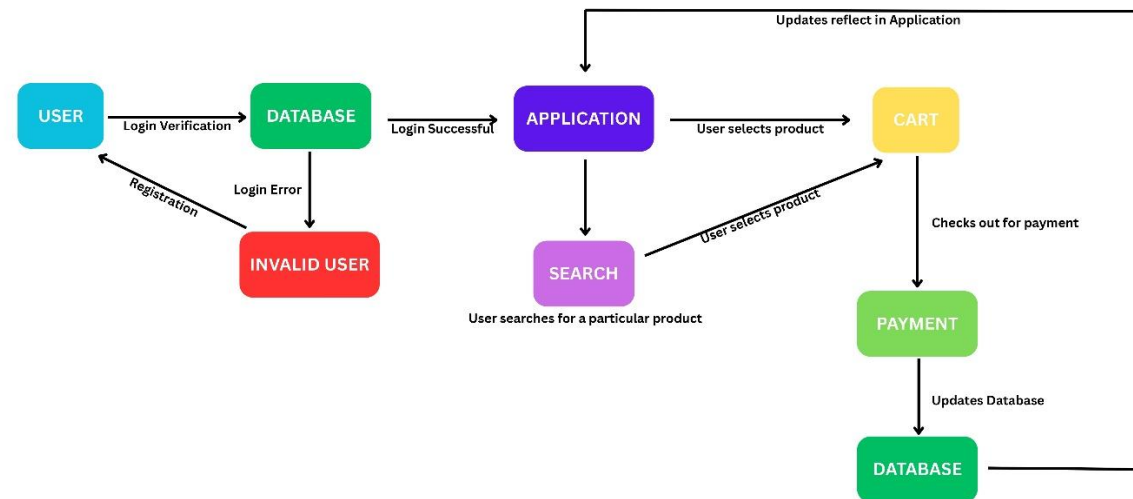
User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Product Search	USN-1	As a user, I can search for a product using a keyword or category	I can view products matching my search	High	Sprint-1
Customer (Mobile user)	Product Selection	USN-2	As a user, I can select a product to view its details	Product details page opens after selection	High	Sprint-1
Customer (Mobile user)	Cart Management	USN-3	As a user, I can add selected products to my cart	Cart updates and shows selected items	High	Sprint-1
Customer (Mobile user)	Cart Management	USN-4	As a user, I can remove products from my cart	Cart updates and removes the selected product	Medium	Sprint-2
Customer (Mobile user)	Checkout and Payment	USN-5	As a user, I can checkout and proceed to payment from the cart	I can see a payment page and make the payment	High	Sprint-2
Customer (Web user)	Product Search	USN-6	As a web user, I can search for and select products like a mobile user	I can view and select product from search results	High	Sprint-2
Customer Care Executive	Order Lookup	USN-7	As a support agent, I can view order details by searching using order ID	I can access order details using order ID	Medium	Sprint-3
Administrator	Application Monitoring	USN-8	As an admin, I can view real-time order and payment updates from users	Dashboard shows updated database entries	High	Sprint-3
Administrator	User Management	USN-9	As an admin, I can deactivate invalid or suspicious users	Users marked inactive cannot log in	Medium	Sprint-3