Date	6th July 2024
Team ID	SWTID1720001202
Project Name	Shop-EZ (E – commerce website)
Maximum Marks	

DATA FLOW DIAGRAMS:

Data Flow Diagram (DFD) for an E-Commerce Website

The Data Flow Diagram (DFD) for an e-commerce website depicts the flow of data and transformations within the system. It consists of several levels that illustrate the overall data flow:
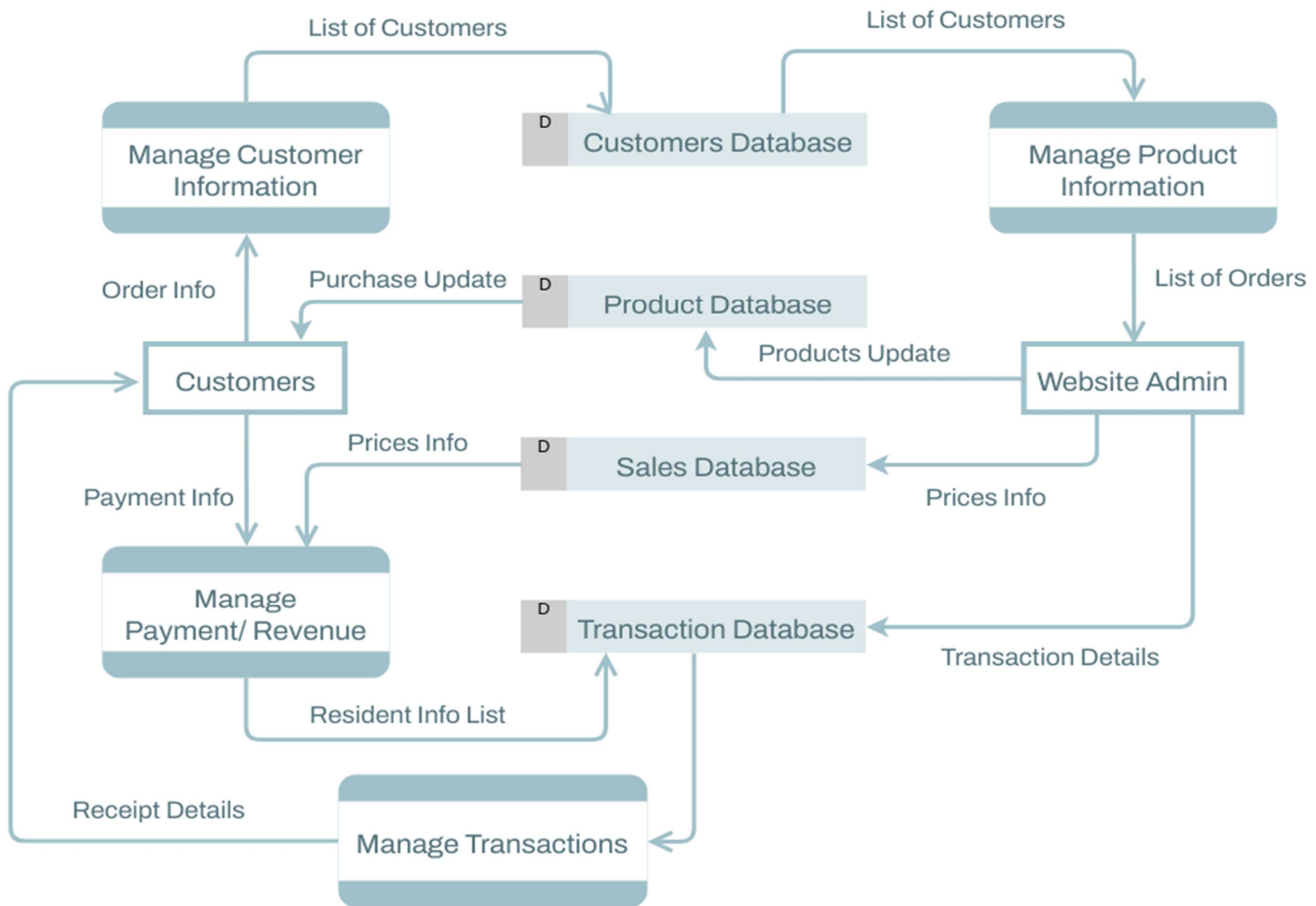
Context Level DFD (Level 0)

The context-level DFD shows the entire e-commerce system and its interactions with external entities like customers, administrators, and shipping agents.

Level 1 DFD - Admin Side

This level describes the functionality available to the website administrator, such as managing product categories, adding items, and processing orders and payments.

Level 1 DFD - User Side

The user-side DFD shows the activities performed by customers, including browsing products, registering, logging in, adding items to the cart, and making online payments.

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 a confirmation email once I have registered for the application.	I can receive a confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application	I can register & access the	Low	Sprint-2

			through Facebook.	dashboard with Facebook Login		
		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 log in to my account	High	Sprint-1
	Dashboard	USN-6	As a user, I can view my account information and recent orders on my dashboard.	I can access my account details and recent order history	High	Sprint-1
	Order Management	USN-7	As a user, I can view and download invoices for my past orders.	I can download invoices for all past orders	High	Sprint-2
	Order Placement	USN-8	As a user, I can add items to my cart and proceed to checkout.	I can add items to my cart and complete the purchase	High	Sprint-1

	Order Placement	USN-9	As a user, I am informed if an item in my cart is about to be removed due to limited stock during sales.	I receive a notification before an item is removed from my cart	High	Sprint-2
	Delivery Scheduling	USN-10	As a user, I can select a specific time slot for delivery.	I can schedule deliveries within a narrow time frame that fits my schedule	Medium	Sprint-2
	Search	USN-11	As a user, I can search for products using keywords and filters.	I can find products using search and filter options	High	Sprint-1
Customer (Web user)	Registration	USN-12	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
	Login	USN-13	As a user, I can log into the	I can log in to my account	High	Sprint-1

			application by entering email & password.			
	Dashboard	USN-14	As a user, I can view my account information and recent orders on my dashboard.	I can access my account details and recent order history	High	Sprint-1
	Order Management	USN-15	As a user, I can view and download invoices for my past orders.	I can download invoices for all past orders	High	Sprint-2
	Order Placement	USN-16	As a user, I can add items to my cart and proceed to checkout.	I can add items to my cart and complete the purchase	High	Sprint-1
	Order Placement	USN-17	As a user, I am informed if an item in my cart is about to be removed due to limited stock during sales.	I receive a notification before an item is removed from my cart	High	Sprint-2

	Delivery Scheduling	USN-18	As a user, I can select a specific time slot for delivery.	I can schedule deliveries within a narrow time frame that fits my schedule	Medium	Sprint-2
	Search	USN-19	As a user, I can search for products using keywords and filters.	I can find products using search and filter options	High	Sprint-1
Customer Care Executive	Customer Support	USN-20	As a customer care executive, I can view and manage customer inquiries and support tickets.	I can resolve customer issues efficiently	High	Sprint-1
Administrator	User Management	USN-21	As an administrator, I can manage user accounts, including registration and access levels.	I can manage user accounts and permissions	High	Sprint-1
	Order Management	USN-22	As an administrator, I can oversee	I can monitor and adjust order	Medium	Sprint-2

			order processing and delivery schedules.	processing and delivery times		
	Reporting	USN-23	As an administrator, I can generate reports on sales, user activity, and system performance.	I can view detailed reports on various metrics	Medium	Sprint-2