

## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	SWTID1743602505
Project Name	ShopSmart
Maximum Marks	4 Marks

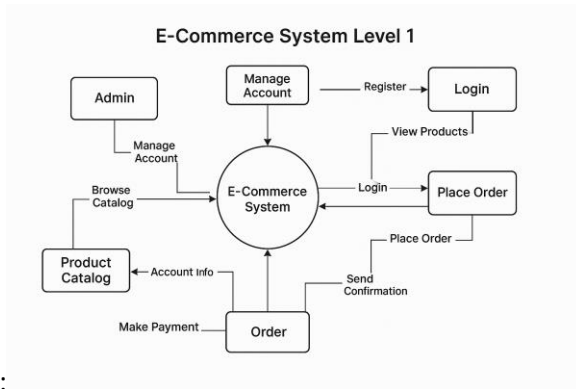
#### Data Flow Diagrams:

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.

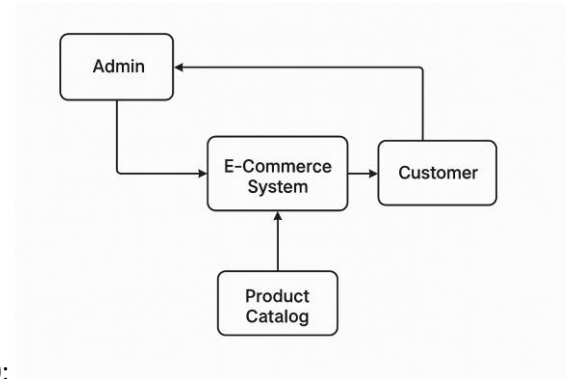
#### Level 0 DFD (Context Level)

**Description:** This is the top-level DFD that shows the system as a single process with external entities and data flow.

- **Entities:**
  - **Customer:** Browses, registers, logs in, places orders.
  - **Admin:** Manages products, users, and orders.
- **Processes:**
  - Product management
  - User registration/login



LEVEL 1:



LEVEL 0:

## User Stories

User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer	Registration	USN-1	As a user, I can register using email and password.	I can register and see a success page or dashboard.	High	Sprint-1
Customer	Login	USN-2	As a user, I can log in using my credentials.	I get access to dashboard after login.	High	Sprint-1
Customer	Browse Products	USN-3	As a user, I can view all available products.	I can browse product listings with image and price.	High	Sprint-1
Customer	Add to Cart	USN-4	As a user, I can add products to my cart.	Items appear in my cart list.	Medium	Sprint-2
Customer	Checkout	USN-5	As a user, I can place an order from my cart.	Order is successfully submitted and confirmation shown.	High	Sprint-2
Customer	View Orders	USN-6	As a user, I can see my previous orders.	List of my orders is visible in the profile.	Medium	Sprint-2

## Administrator

User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Admin	Product Management	USN-7	As an admin, I can add new products to the catalog.	Product is visible in store.	High	Sprint-1
Admin	Product Management	USN-8	As an admin, I can edit or delete existing products.	Changes reflect on the store.	High	Sprint-1
Admin	Order Management	USN-9	As an admin, I can view and update order status.	I can mark orders as shipped/delivered.	High	Sprint-2
Admin	User Management	USN-10	As an admin, I can view a list of all users.	Admin dashboard shows all users.	Medium	Sprint-3