

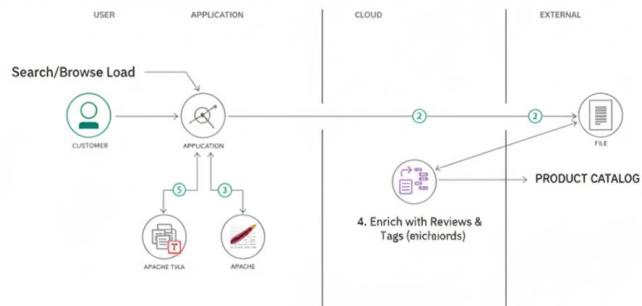
Project Design Phase-II

Data Flow Diagram & User Stories

Date	22 February 2026
Team ID	LTVIP2026TMIDS24072
Project Name	ShopEZ:One-Stop Shop for Online Purchases
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.



1. Login & Profile Load:
2. User/Browse Catalog: User logs in; user logs in; application loads personal data.
3. Parse Product Data (Apache) Extracts specs, materials, and details from products keywords
4. Enrich with Reviews & Tags (Analyses and identifies trending, review history, (%)) the user UI interface.

User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story No	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile)	Registration	USN-1	As a user, I can register using email and password	User is redirected to dashboard after successful registration	High	Sprint-1
		USN-2	As a user, I receive confirmation email after registration	User receives email & can verify account	High	Sprint-1
		USN-3	As a user, I can register using Facebook	User can login via Facebook & access dashboard	Low	Sprint-2
		USN-4	As a user, I can register using Gmail	User can login via Gmail & access dashboard	Medium Sprint-1	
	Login	USN-5	As a user, I can login using email & password	User can access dashboard after valid login	High	Sprint-1
	Product Browsing	USN-6	As a user, I can browse products by category	Products are displayed based on selected category	High	Sprint-1
	Search & Filter	USN-7	As a user, I can search products using keywords	Relevant products appear based on search	High	Sprint-1
	Cart	USN-8	As a user, I can add products to cart	Product appears in cart with correct price	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story No	User Story / Task	Acceptance Criteria	Priority	Release
	Checkout	USN-9	As a user, I can proceed to checkout	User can complete payment successfully	High	Sprint-1
	Order Tracking	USN-10	As a user, I can track my orders	Order status is visible in account section	Medium	Sprint-2