

Project Design Phase-II

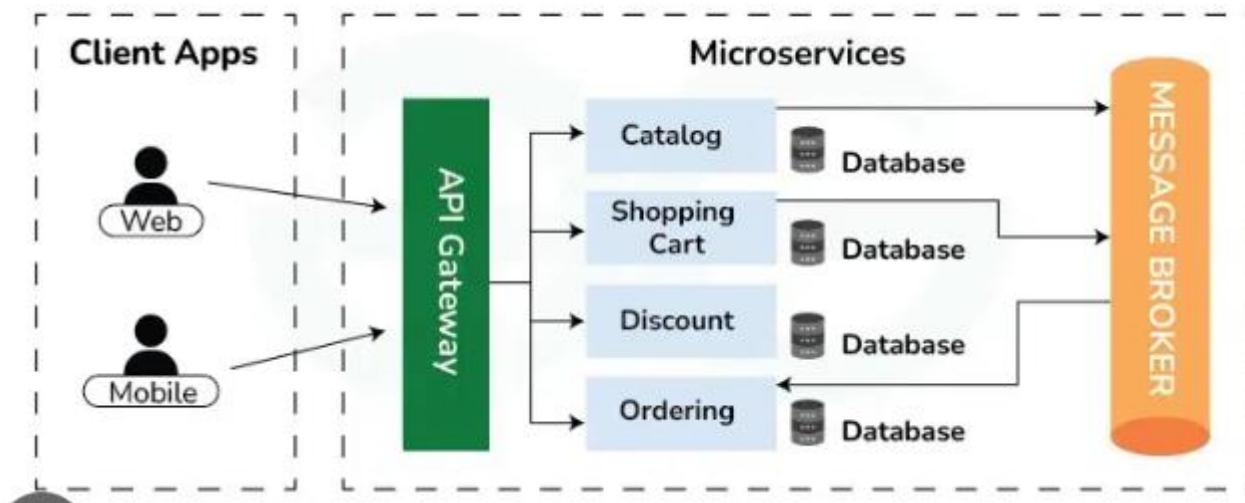
Data Flow Diagram & User Stories

Date	19-may-2025 To 30- June- 2025
Team ID	LTVIP2025TMID49768
Project Name	ShopSmart: Your Digital Grocery Store Experience
Maximum Marks	4 Marks

Data Flow Diagrams:

The Data Flow Diagram (DFD) for ShopSmart illustrates the flow of data across user interfaces, backend services, and external systems. It describes how a customer interacts with the platform to register, search for products, add them to the cart, and complete the order using integrated payment gateways.

Backend services handle catalog management, order processing, and real-time inventory updates. Data is then stored in cloud-based databases and used for generating reports and recommendations. Admins and customer support teams interact with the system via their respective dashboards to manage content and respond to queries



Example: [\(Simplified\)](#)

User Stories

Below are the user stories designed for the ShopSmart platform:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	Register and create profile	I can create an account and login	High	Sprint-1
Customer (Mobile user)	Browse & Search	USN-2	Search for grocery items	Search shows accurate and relevant results	High	Sprint-1
Customer (Mobile user)	Cart Management	USN-3	Add and remove items in cart	Cart updates reflect in real-time	High	Sprint-2
Customer (Mobile user)	Checkout & Payment	USN-4	Make payment and place order	I receive confirmation with order ID	High	Sprint-2
Customer (Web user)	Order History	USN-5	View past orders and invoices	I can see past purchases under my account	Medium	Sprint-2
Customer Care Executive	Support	USN-6	View and resolve	I can access and respond	Medium	Sprint-3

			customer complaints	to customer queries		
Administrator	Inventory Management	USN-7	Update product prices and stock	System reflects updated inventory instantly	High	Sprint-3

