

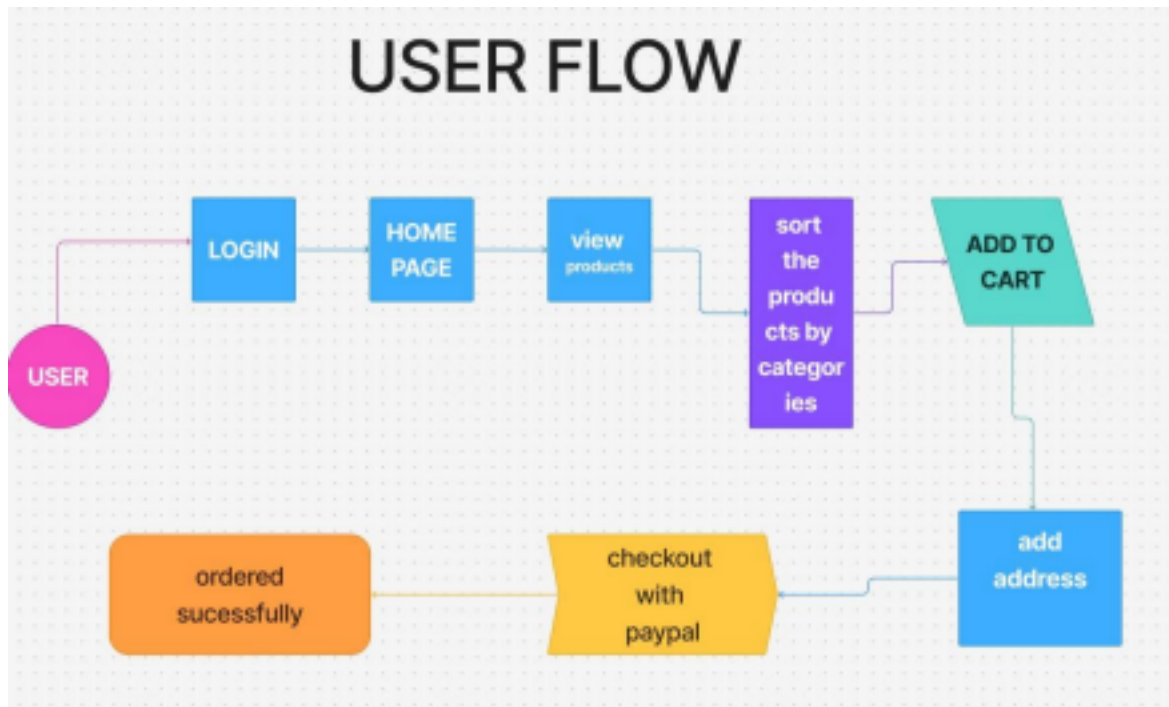
## Project Design Phase-II

### Technology Stack (Architecture & Stack)

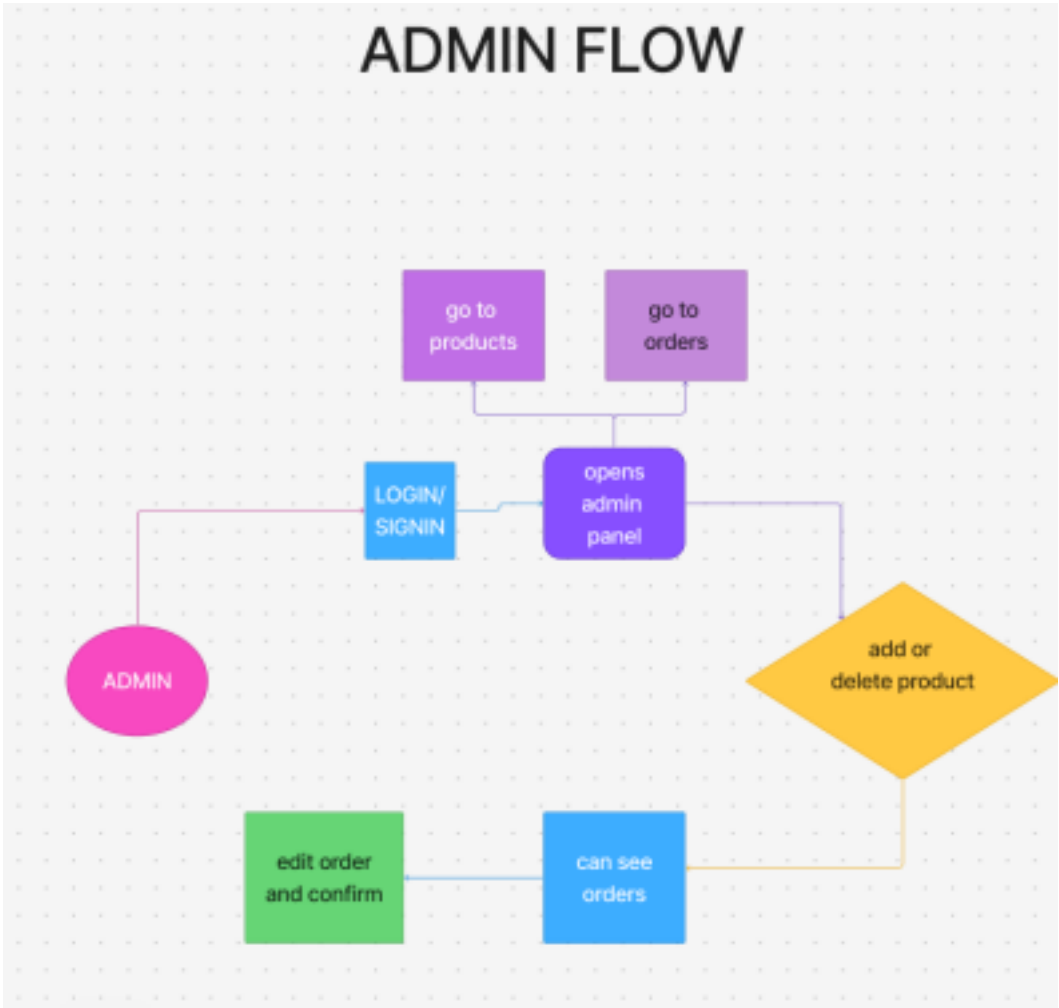
Date	20-06-2025
Team ID	LTVIP2025TMID5041
Project Name	ShopEZ : One-Stop Shop For Online Purchases
Maximum Marks	4

### Data Flow Diagram

The ShopEZ application is designed to accommodate three primary user roles: Customer, and Admin. Each role has specific responsibilities and permissions, managed through dedicated user flows and API endpoints. Below is an overview of the application flow for each role.



#### 1. Admin Flow



## User Stories

	User Type	Function al Require me nt (Epic)	User Story Num b er	User Story / Task	Accepta nc e Criteria	Priori t y	Releas e		
	Customer (Mobile/ We b)	Registration	USN-1	As a user, I can register with email, password, and confirm password	I can access my account / dashboar d	High	Sprint 1		

			USN-2	As a user, I will receive a confirmation email once I register	I can click the confirmation link and verify my account	High	Sprint 1		
			USN-3	As a user, I can register using LinkedIn	I can access my dashboard using LinkedIn login	Low	Sprint 2		
			USN-4	As a user, I can register using Gmail	I can access my dashboard using Gmail login	Medium	Sprint 1		
		Login	USN-5	As a user, I can log in with email and password	I can log in and access my dashboard	High	Sprint 1		
		Dashboard	USN-6	As a user, I can view products and offers on my dashboard	I can browse listings and add items to my cart	High	Sprint 1		
		Product Search & Filtering	USN-7	As a user, I can search for products by name, brand, or	I can see filtered results based on search keywords	High	Sprint 1		

				category					
		Cart & Checkout	USN-8	As a user, I can add/remove items to my cart, modify quantity, and checkout	I can update items and proceed to payment	High	Sprint 1		

		Order Tracking	USN-9	As a user, I can track my order status in real-time	I can see statuses like Processing, Dispatched, Delivered	High	Sprint 2		
	Customer Care Executive	Customer Support	USN 10	As a support agent, I can respond to customer complaints and queries	Customers receive responses within 24 hours	Medium	Sprint 2		
	Administrator	Inventory Management	USN 11	As an admin, I can add/edit/delete product details and inventory	Products update instantly across customer dashboards	High	Sprint 1		

			User Manage me nt	USN 12	As an admin, I can manage user accounts and handle complaints	I can suspend, activate, or delete user accounts	High	Sprint 2		
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