

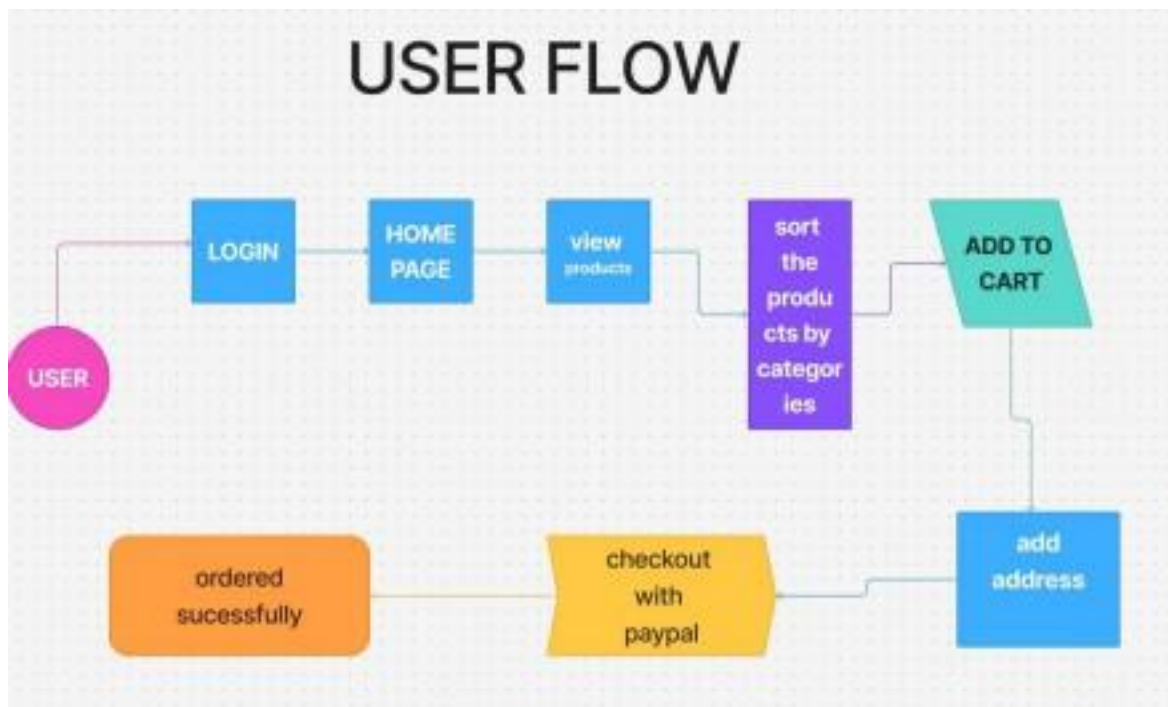
Project Design Phase-II

Technology Stack (Architecture & Stack)

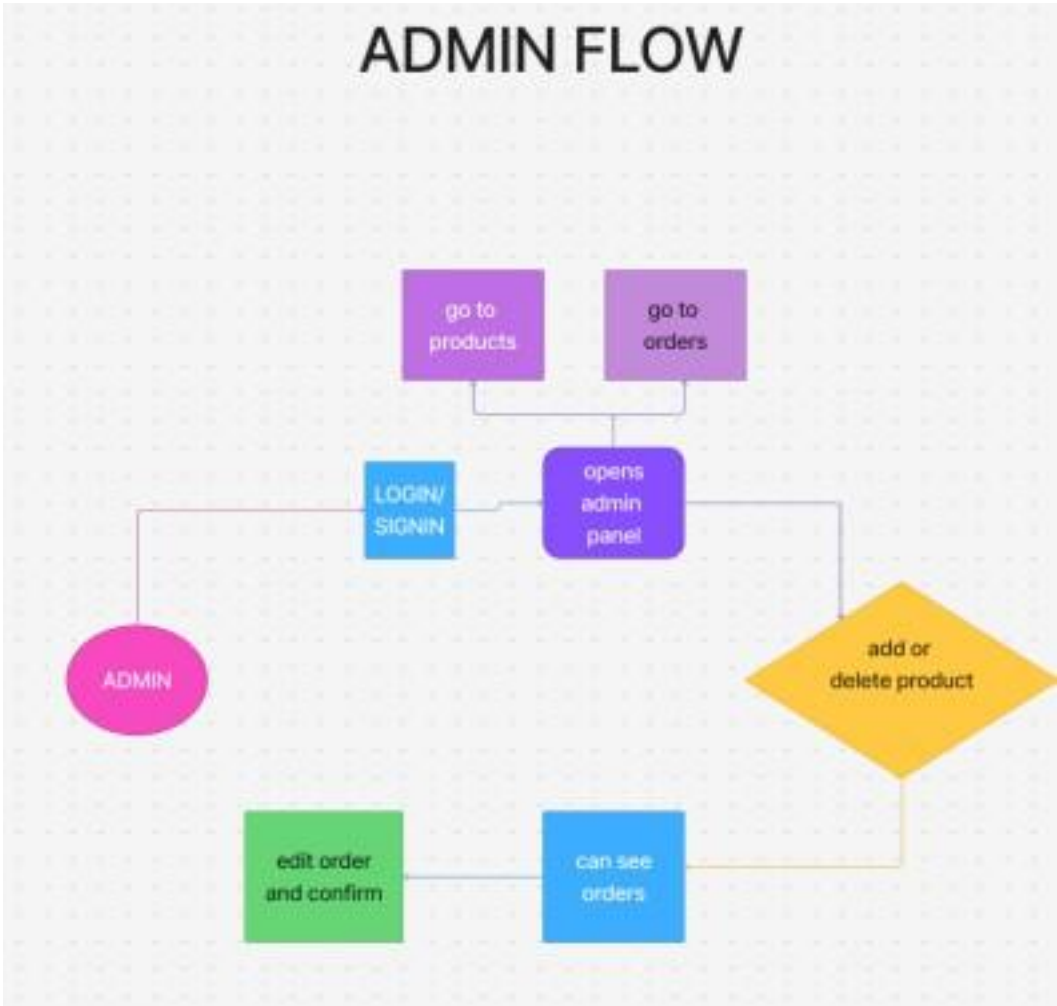
Date	20-06-2025
Team ID	LTVIP2025TMID21133
Project Name	ShopEZ : One-Stop Shop For Online Purchases
Maximum Marks	4

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 ment (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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