

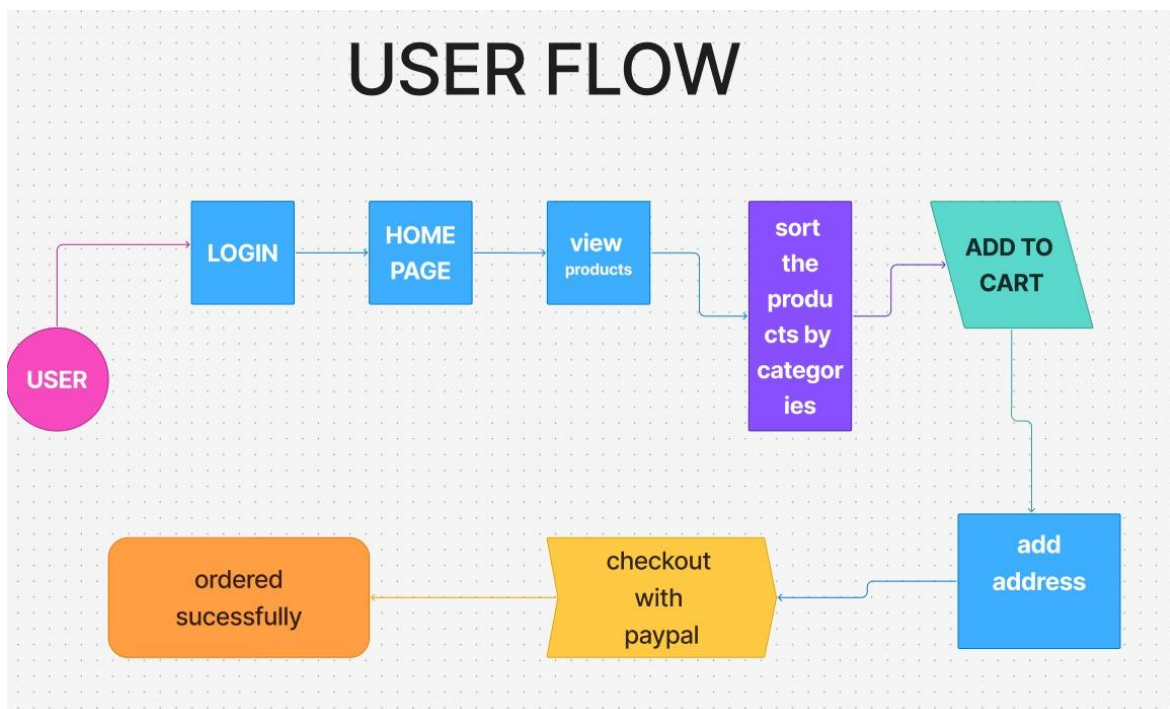
## Project Design Phase-II

### Technology Stack (Architecture & Stack)

Date	10-4-2025
Team ID	SWTID1743605259
Project Name	ShopEZ
Maximum Marks	4

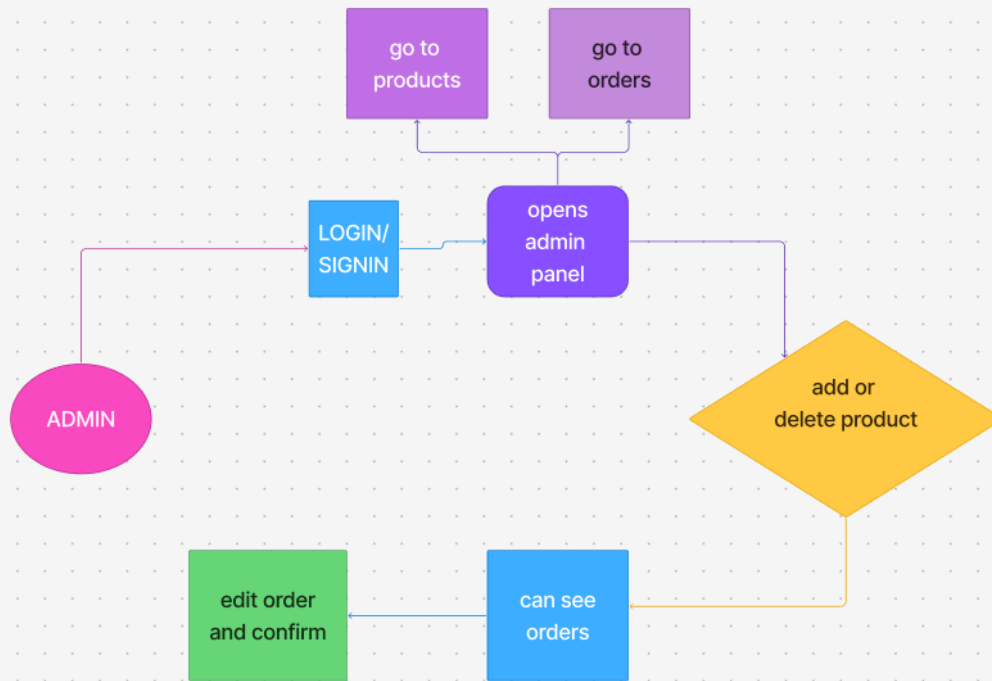
#### Data Flow Diagram

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

# ADMIN FLOW



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Mobile/Web)	Registration	USN-1	As a user, I can register with email, password, and confirm password	I can access my account / dashboard	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 category	I can see filtered results based on search keywords	High	Sprint-1
	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 Management	USN-12	As an admin, I can manage user accounts and handle complaints	I can suspend, activate, or delete user accounts	High	Sprint-2