

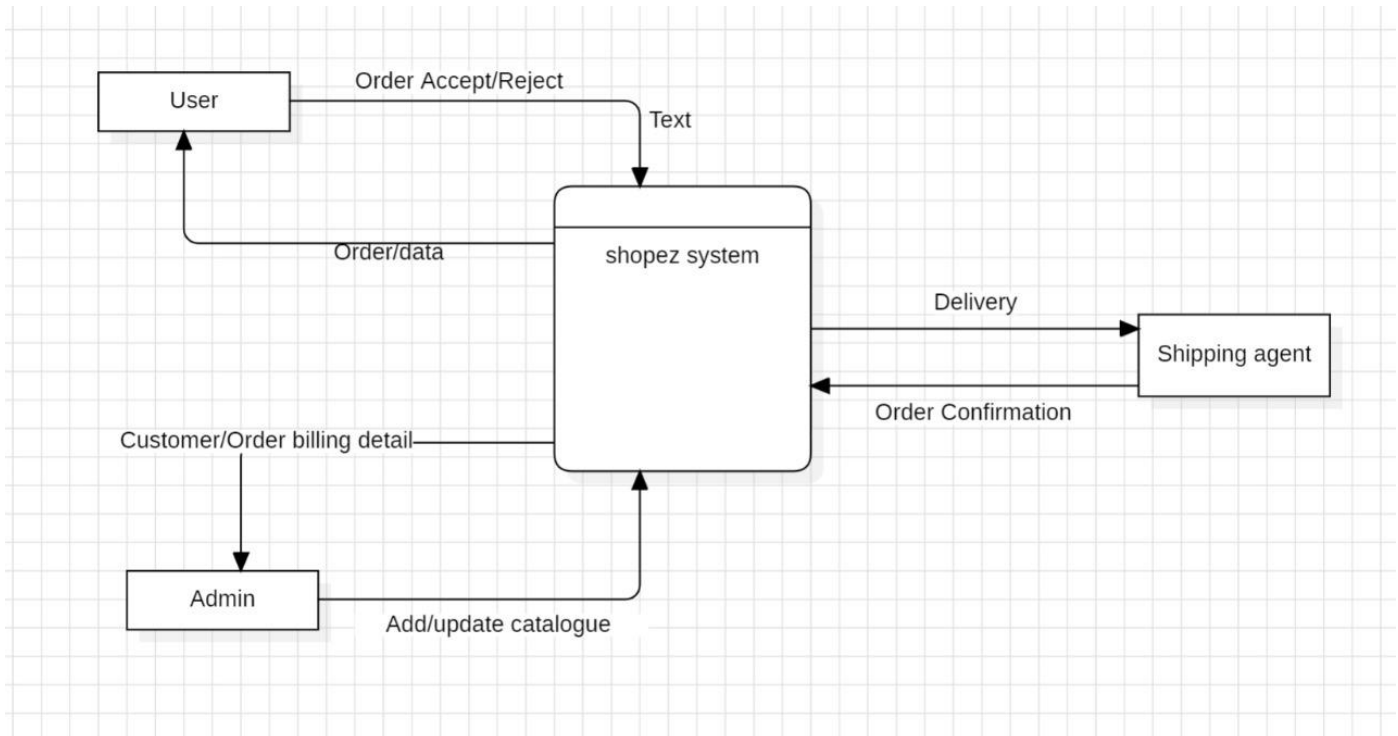
Requirement Gathering and Analysis Phase

Data Flow Diagram & User Stories

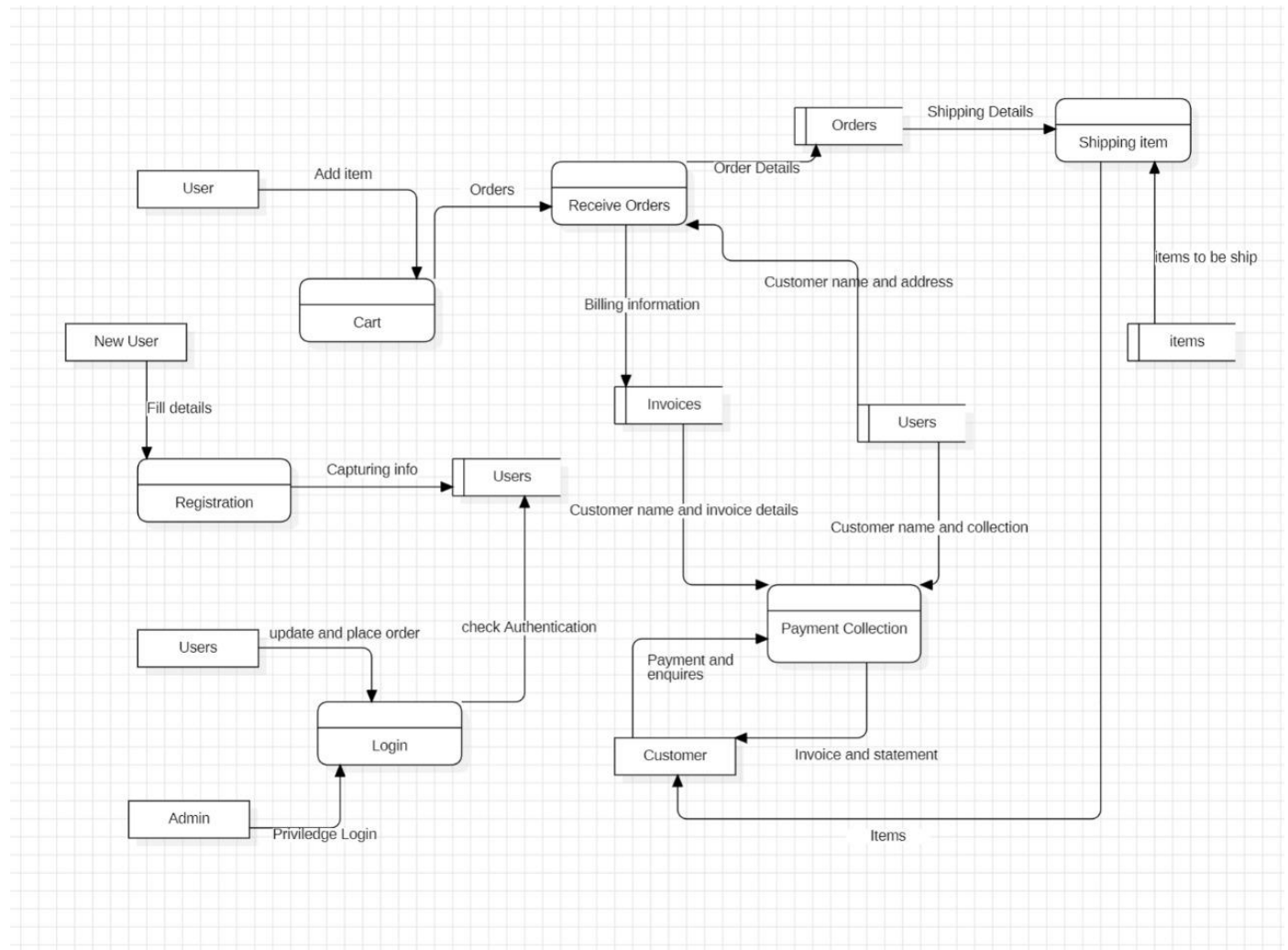
Date	07 July 2024
Team ID	SWTID1720091047
Project Name	Ecommerce (MERN)
Maximum Marks	

Data Flow Diagrams:

Level 0:

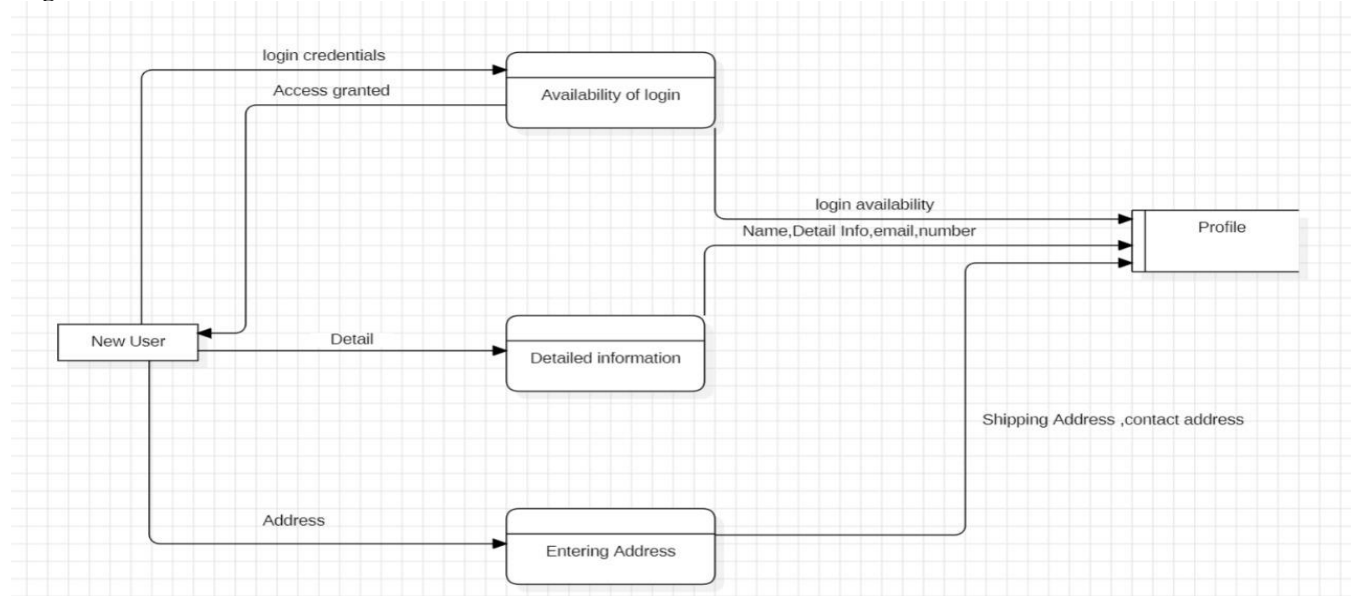


Level 1:

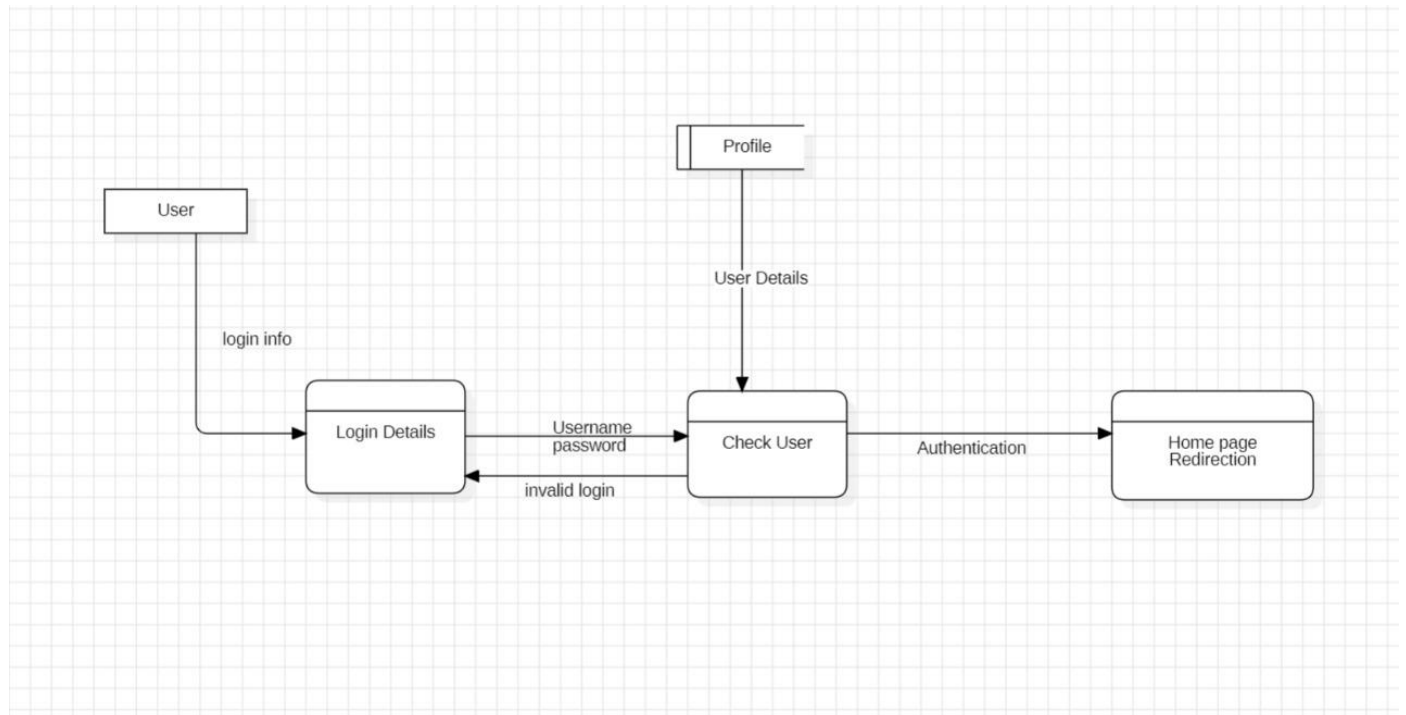


Level 2:

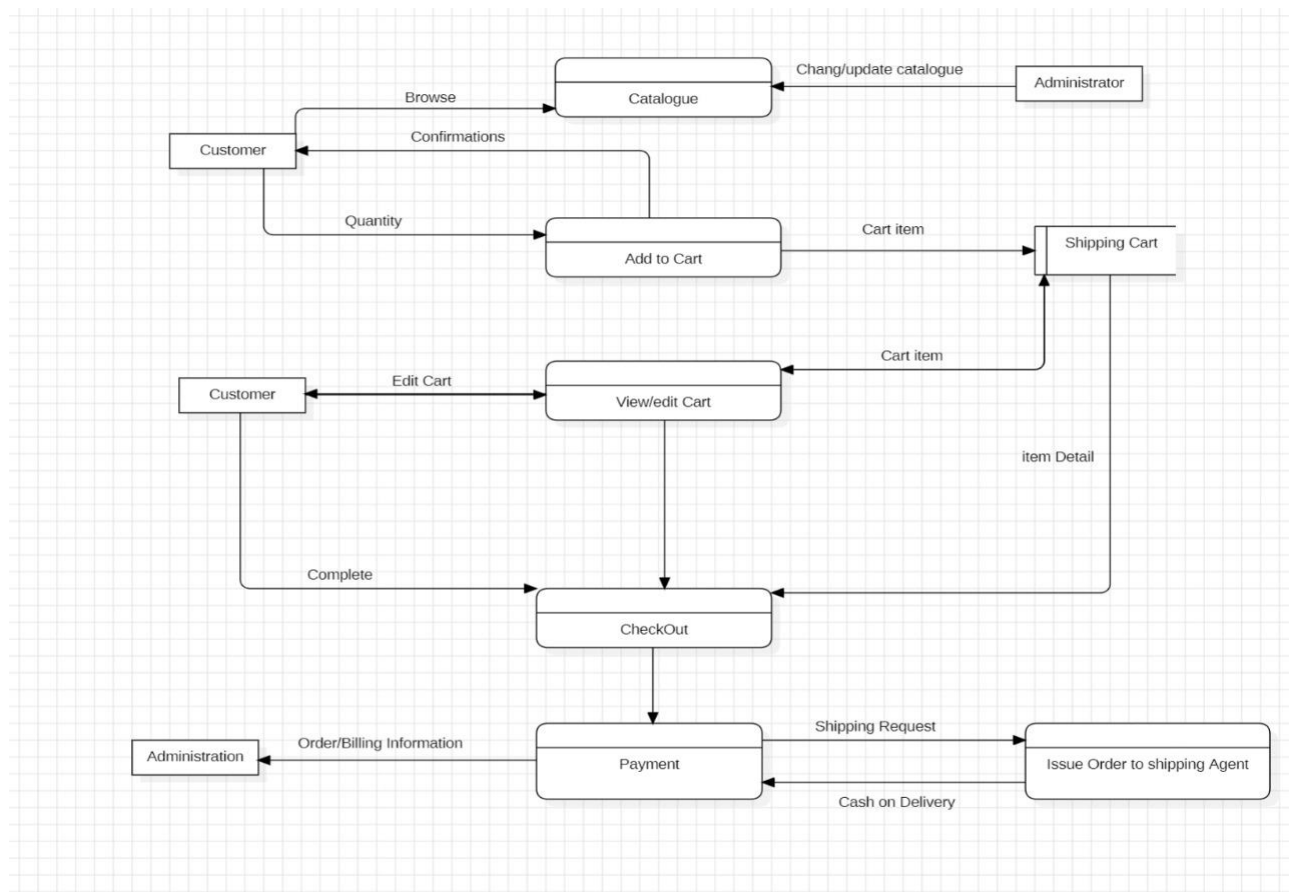
Registration:



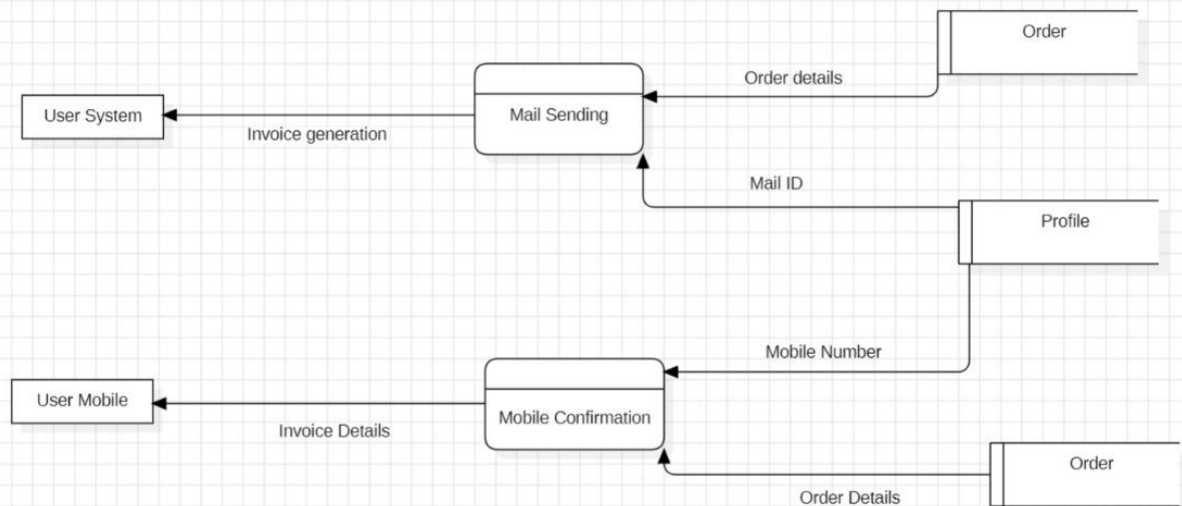
Login:



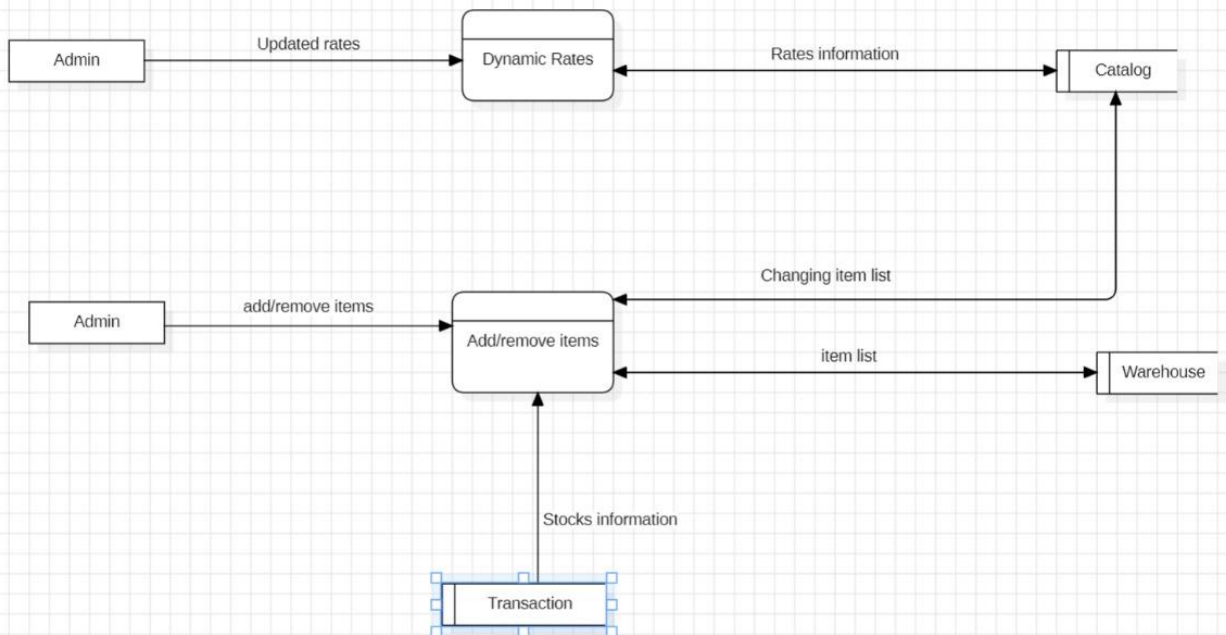
Cart:



Intimation:



Maintenance:



User Stories:

User Type	Functional	User	User Story / Task	Acceptance	Priority	Release
Customer	User Authentication	USN-1	Implement user signup and login functionality.	I want to register for an account so that I can make purchases.	High	Sprint-1
Admin	Product Listing	USN-2	Display product catalog with search and filter options	I want to add a new product to the e-commerce platform So that customers can see and purchase it.	High	Sprint-1
Customer	Cart Management	USN-3	Add products to cart, adjust quantities, and calculate subtotals	I want to add items to my cart, so that I can purchase them later.	Medium	Sprint-2
Customer	Order Placement	USN-4	Allow users to place orders and view order history.	As a customer, I want to place an order for items in my cart so that I can purchase products from the e-commerce website.	Medium	Sprint-2
Admin	Admin Dashboard	USN-5	Create admin panel for product management.	As an admin, I want to manage the product listings so that I can add, edit, and delete products.	High	Sprint-3

Customer	User Profile	USN-6	Enable users to manage their profiles and addresses.	As a new user I want to register an account So that I can make purchases and track my orders	Low	Sprint-3
Backend Developer.	Payment Gateway Integration	USN-7	Integrate payment gateway for secure transactions.	As a store administrator, I want to configure a payment gateway, So that customers can make secure payments on the website	High	Sprint-4
Customers	Product Reviews	USN-8	Allow users to leave reviews and ratings	I want to submit a review for a product I've purchased So that I can share my experience with other potential buyers.	Medium	Sprint-4
Customers	Order Tracking	USN-9	Implement order tracking and notifications	As a customer I want to track my order So that I can know its current status and estimated delivery time	Medium	Sprint-5

Backend Developer	Responsive Design	USN-10	Ensure app works seamlessly on various devices	The ecommerce application must display correctly and be fully functional across a range of devices	Low	Sprint-5
Customer	Wishlist	USN-11	Enable users to create and manage wishlists.	As a frequent shopper, I want to be able to create and manage a wishlist so that I can save items I'm interested in purchasing later.	Low	Sprint-6
Developer	SEO Optimization	USN-12	Optimize app for search engines	I want the product pages to rank higher in search engine results.	High	Sprint-6