

A  
Project Report  
on  
“Shopnex Ecommerce Platform ”

Submitted to



Savitribai Phule Pune University, Pune  
In Partial Fulfillment of  
Master of Computer Application  
(MCA - I, Sem-I)

Submitted by  
**Mr. Sachin Somnath Sargar**

Under the Guidance of  
Prof. C.N. Reddy

Through



Dr. D. Y. Patil Educational Federation's  
**Dr. D. Y. Patil Institute of Management and Entrepreneur  
Development.**  
2024-2025



**Dr. D. Y. PATIL EDUCATIONAL FEDERATION**  
**Dr. D. Y. Patil Institute of Management and Entrepreneur Development**  
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**Dr. Priyanka A. Singh**  
Director

# CERTIFICATE

This is to certify that Project entitled **Shopnex Ecommerce Platform** is submitted by **Mr. Sargar Sachin Somnath** has successfully Completed the Project under the guidance of **Prof. C.N.Reddy**

This Project is submitted to **the Savitribai Phule Pune University** in Partial fulfillment of the requirement for the award of the degree of Master of Computer Application (MCA I Sem. I Batch2024-2025).

**Prof. C.N.Reddy**  
Project Guide

**Dr. Ashwini Chavan**  
HOD

**Dr. Priyanka Singh**  
Director

**Internal Examiner**

**External Examiner**

## **DECLARATION**

I, the undersigned hereby declare that the project entitled "**Shopnex Ecommerce Platform**", being submitted for the award of degree of **Master of Computer Application(MCA – I, Sem – I)** by me to **Dr. D. Y. Patil Institute of Management and Entrepreneur Development, Varale, Talegaon, Pune affiliated to Savitribai Phule Pune University, Pune** is the result of an independent work carried out under the guidance of **Prof. C.N.Reddy**, is my original work . Further, I declare that this project has not been submitted to this or any institution for the award of any degree.

PLACE:

**Mr.Sachin Somnath Sargar**

DATE:

## **ACKNOWLEDGEMENT**

The project developed for the MCA was not possible without the persons and organizations that helped me in completing this. I am deeply grateful to all whose enthusiasm and energy transformed my vision of this study into reality.

I extend my sincere thanks to **Prof. C.N. Reddy** for making it easy to work in the Institute and providing me needed guidance throughout the project keeping it focused and on the track. I am thankful to him for the extended knowledge imparted to me during the course of project development.

I take this opportunity to thank our **HOD Dr. Ashwini Chavan** and our **Director Dr. Priyanka Singh**, for encouragement and guidance throughout the progress of this report.

**Mr. Sachin Somnath Sargar**

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## ❖ Introduction to Shopnex-E-commerce Platform

**Shopnex-E-commerce Platform** is a customer-friendly online marketplace designed to enhance the shopping experience while providing efficient tools for sellers in India. It offers personalized product recommendations, smooth checkout, and multiple payment options, making shopping easy for users. Sellers benefit from a powerful **dashboard** to manage inventory, track sales, and analyze customer behavior, helping optimize their business operations. With AI-driven search, real-time tracking, and a focus on data privacy and security, Shopnex creates a seamless and secure environment for both shoppers and sellers, fostering growth in India's digital commerce landscape..

## ❖ Existing System and Need for System

The current e-commerce market in India is dominated by large platforms that prioritize big brands, making it challenging for smaller, local businesses to compete and gain visibility. Sellers struggle with complex inventory and customer management tools, while consumers often face confusing interfaces, poor customer support, long delivery times, and inconsistent product quality. Despite the wide range of options, personalized shopping experiences are lacking. Additionally, many existing platforms focus on scaling but neglect local relevance, personalization, and sustainable shopping, and often lack advanced AI tools to enhance the shopping experience for both buyers and sellers.

## ❖ Need for the Shopnex-E-commerce Platform

The "Shopnex-E-commerce Platform" addresses key gaps in the current market by supporting local businesses and enhancing the shopping experience for consumers. It offers dedicated space for regional sellers, helping them reach a broader audience without being overshadowed by large brands. Shopnex will deliver personalized shopping experiences using AI algorithms, making product recommendations based on user behavior. Sellers benefit from an intuitive dashboard for managing inventory and tracking orders. The platform promotes sustainable and ethical shopping, emphasizing eco-friendly products. Additionally, real-time order tracking, responsive customer

support, and advanced AI-driven features ensure a seamless and satisfying user experience.

## ❖ Scope of the Shopnex-E-commerce Platform

1. **User Experience:** An intuitive interface and AI-driven personalization deliver tailored shopping experiences, with recommendations and deals based on user preferences.
2. **Seller Tools:** Easy onboarding, robust inventory management, marketing tools, and a dashboard with analytics help sellers manage and grow their businesses.
3. **Payments:** Multiple secure payment options, including cards, UPI, and cash-on-delivery, ensure flexibility and security.
4. **Customer Support:** Real-time order tracking, customer reviews, and multi-channel support provide excellent post-purchase experiences.
5. **Logistics:** Reliable delivery services with real-time updates and simple returns ensure timely and efficient order fulfillment.
6. **Growth:** Designed for scalability, Shopnex supports the growing seller-consumer base, with potential for expansion to new markets and features like AI and AR.
7. **Impact:** Shopnex promotes eco-friendly products and empowers local businesses, contributing to sustainable consumption and economic growth.

## ❖ Operating Environment - Hardware and Software

### **Hardware Requirements:**

- Processor: Intel Core i5 or equivalent
- RAM: 8 GB or more
- Storage: 256 GB SSD or more
- Operating System: Windows 10 or Linux

### **Software Requirements:**

- Programming languages: HTML, CSS, PHP
- Database: MySQL

## ❖ Brief Description of Technology Used

**Operating Systems:** Shopnex runs on **Windows** and **Unix**, providing a stable and scalable environment for handling large-scale operations, ensuring flexibility across different server infrastructures.

**Database:** Utilizes **MySQL**, for efficient data management. These relational databases handle complex queries, maintain data integrity, and support high volumes of transactions, making them ideal for managing product catalogs, customer data, orders, and payments.

## ❖ RDBMS Used to Build Database

- **MySQL:** A widely used open-source relational database, it stores structured data such as customer details, product catalogs, transactions, and orders. MySQL supports robust SQL queries, ensuring smooth interaction between the platform's components while providing scalability and reliability for data management.

## Proposed System

The **Shopnex-E-commerce Platform** aims to offer an innovative and user-centric solution for online shopping in India, addressing the gaps in existing e-commerce platforms by focusing on local businesses, personalized experiences, and advanced technology integration. The platform is designed to enhance user experience, empower sellers with better tools, and promote sustainable shopping.

## Study of Similar Systems

In order to build a platform that meets modern e-commerce needs, it is essential to study existing systems that have paved the way in the online shopping domain. The following systems are examined as part of this research:

1. **Amazon India:**
2. **Flipkart:**
3. **Myntra:**

## ❖ Feasibility Study

**Technical Feasibility:** The platform uses reliable technologies like MySQL, Windows, and Unix, ensuring scalability, security, and compatibility with existing systems.

**Economic Feasibility:** Shopnex provides a cost-effective solution for both small businesses and large enterprises, with minimal setup costs and high growth potential in India's e-commerce market.

**Operational Feasibility:** Shopnex offers a user-friendly interface and personalized features, making it easy for consumers and sellers to adopt and use the platform effectively.

**Legal Feasibility:** The platform complies with data privacy regulations, ensuring secure and ethical business operations.

## ❖ Objectives of the Proposed System

### 1. Enhancing Customer Experience:

- Deliver a user-friendly interface with personalized product recommendations through AI and machine learning.
- Streamline the checkout process with multiple secure payment options.

### 2. Empowering Local Businesses:

- Facilitate easy online store setup for small and medium-sized businesses (SMBs) with minimal technical barriers.

### 3. Security and Trust:

- Employ robust encryption and data protection technologies to secure personal and financial information.
- Ensure compliance with legal standards regarding data privacy, payments, and consumer rights.

## ❖ Users of the System

### 1. Consumers:

- **Casual Shoppers:** Individuals buying across various categories.
- **Niche Shoppers:** Customers seeking eco-friendly or specialized products.
- **Mobile Users:** Shoppers using smartphones for a responsive experience.

### 2. Sellers:

- **Small and Medium-Sized Businesses (SMBs):** Local sellers wanting an easy online setup.

- **Established Brands:** Businesses aiming to enhance their digital presence.
- **Artisans and Craft Sellers:** Local artisans selling handmade or eco-friendly goods.

### 3. Administrators:

- **Platform Admins:** Manage operations and resolve disputes.
- **Marketing Team:** Create promotions and engage users.
- **Customer Support Team:** Ensure customer satisfaction through support.

### 4. Logistics and Delivery Partners:

- **Delivery Companies:** Manage logistics, order tracking, and returns.

## ❖ Analysis and Design

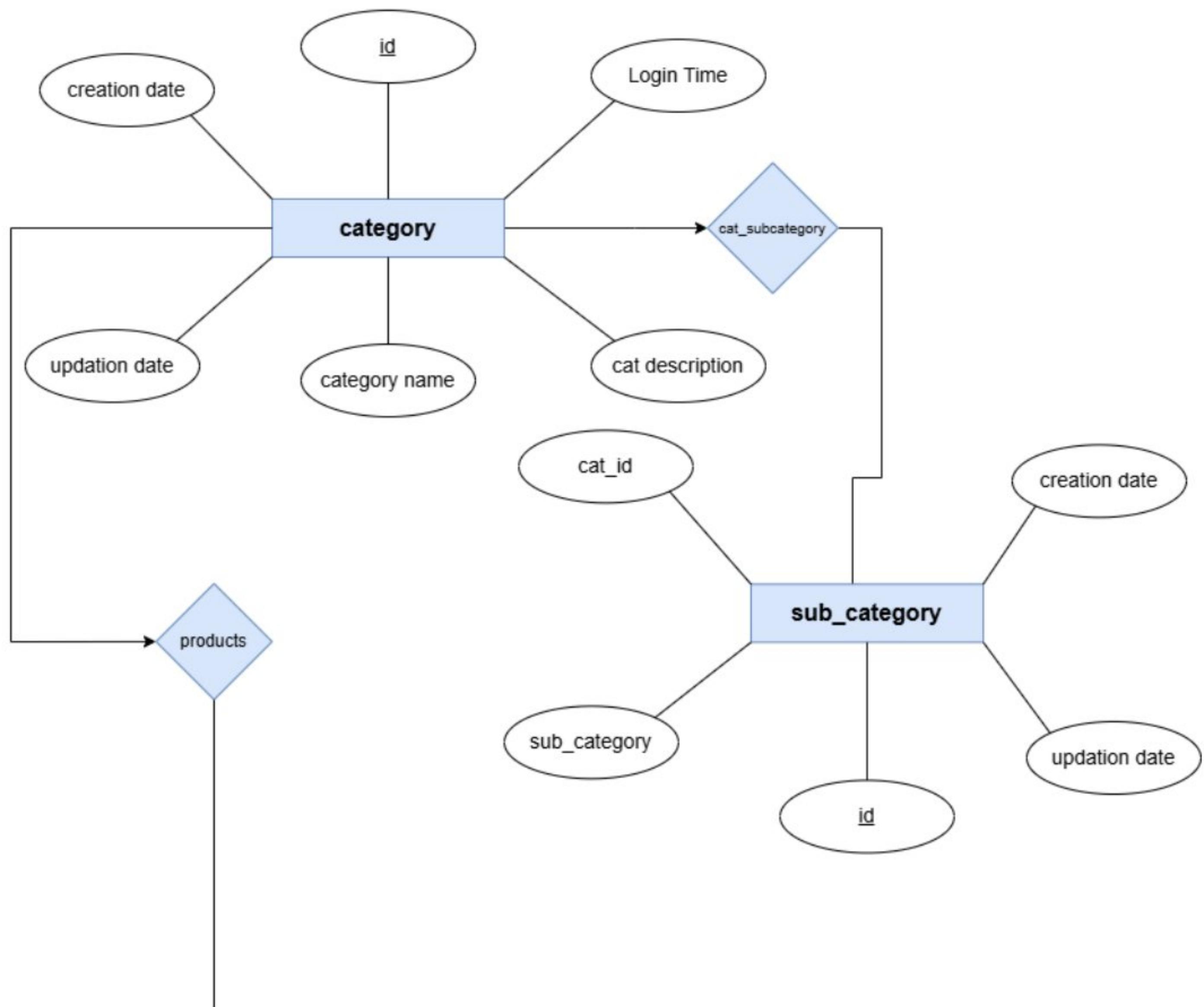
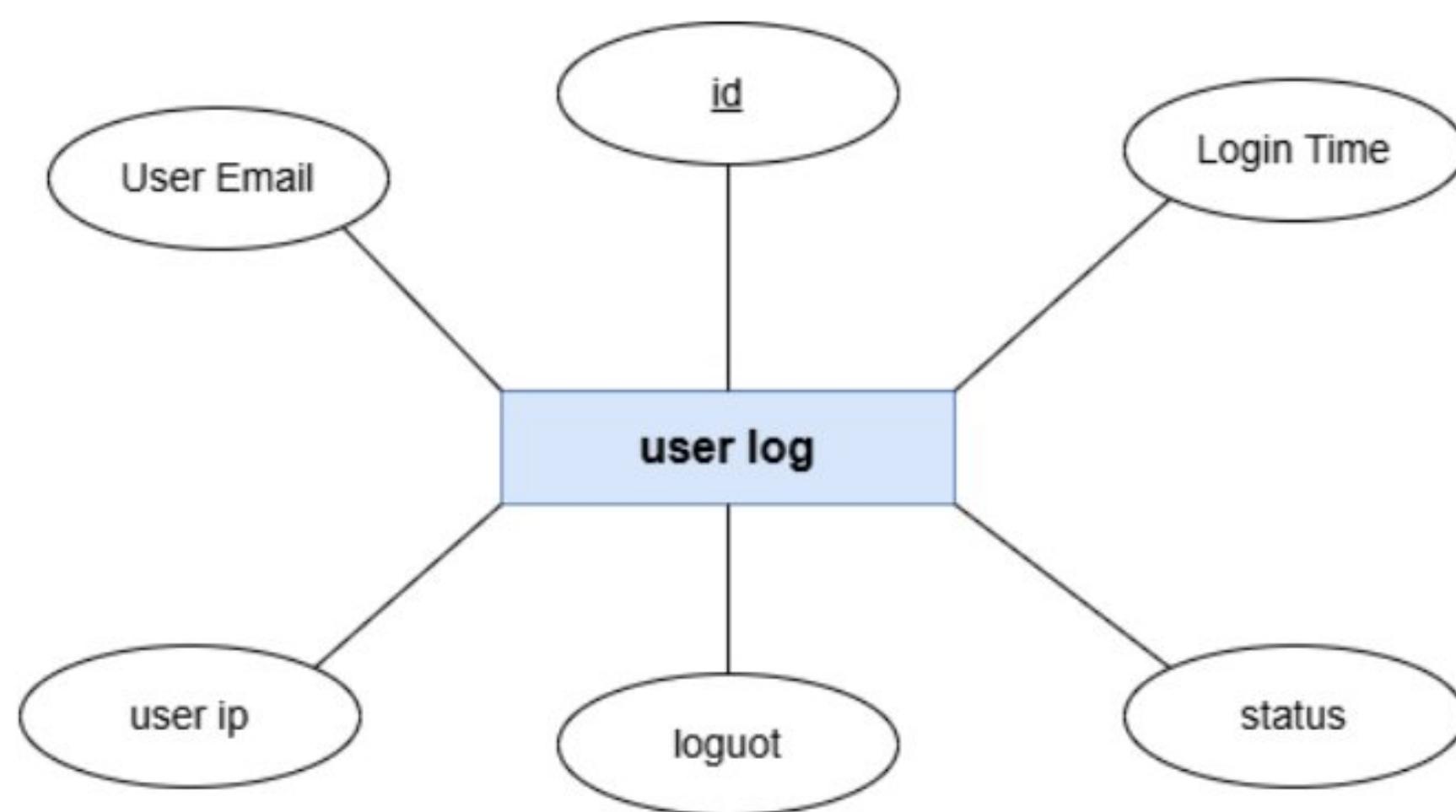
### Functional Requirements

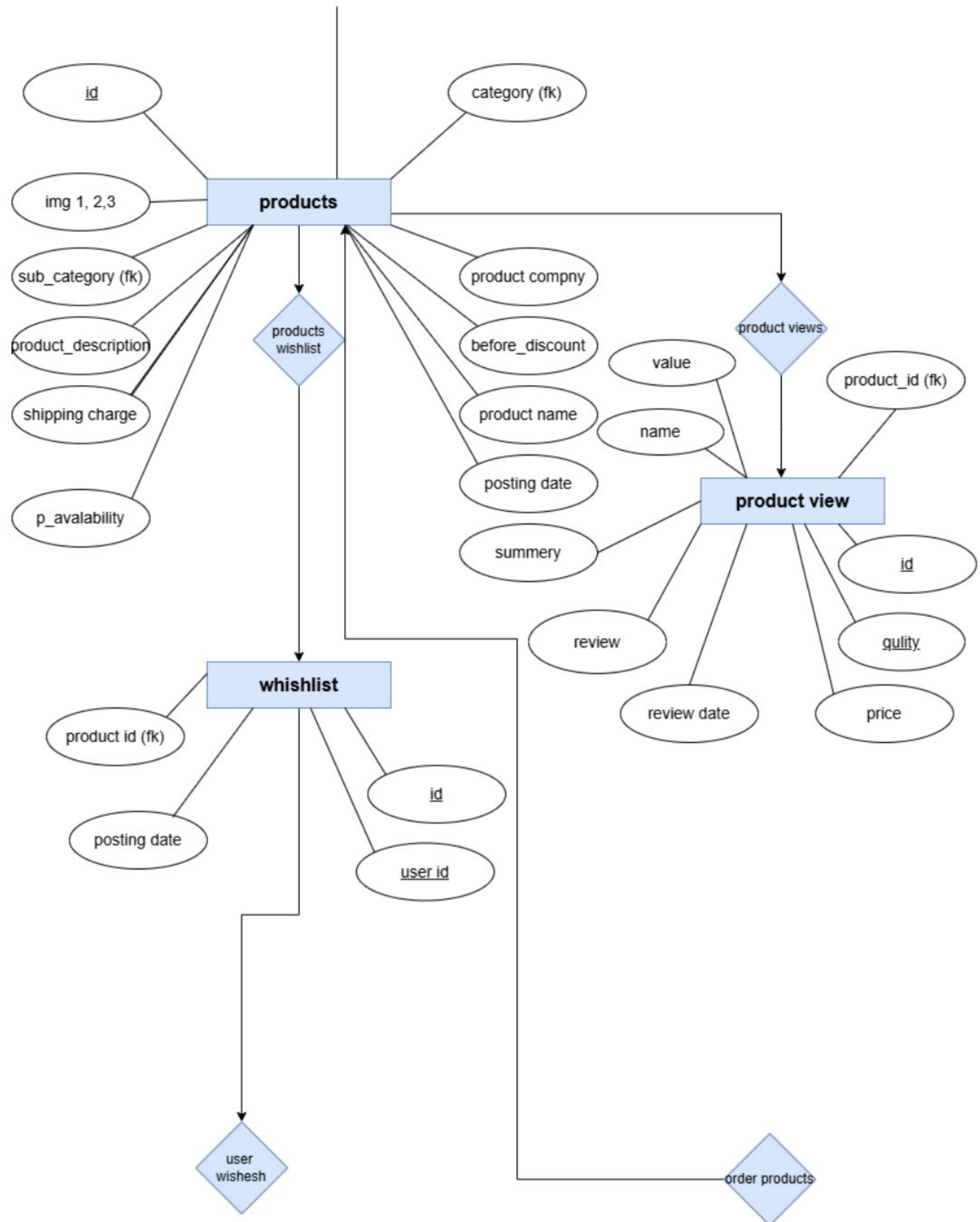
1. **User Registration:** Secure registration and login.
2. **Product Management:** Add, edit, and delete product listings.
3. **Shopping Cart:** Add items and complete purchases with multiple payment options.
4. **Order Management:** Track orders and manage sales.
5. **Customer Support:** Helpdesk and live chat assistance.
6. **Reviews:** User reviews with moderation.
7. **Logistics Integration:** Delivery tracking.

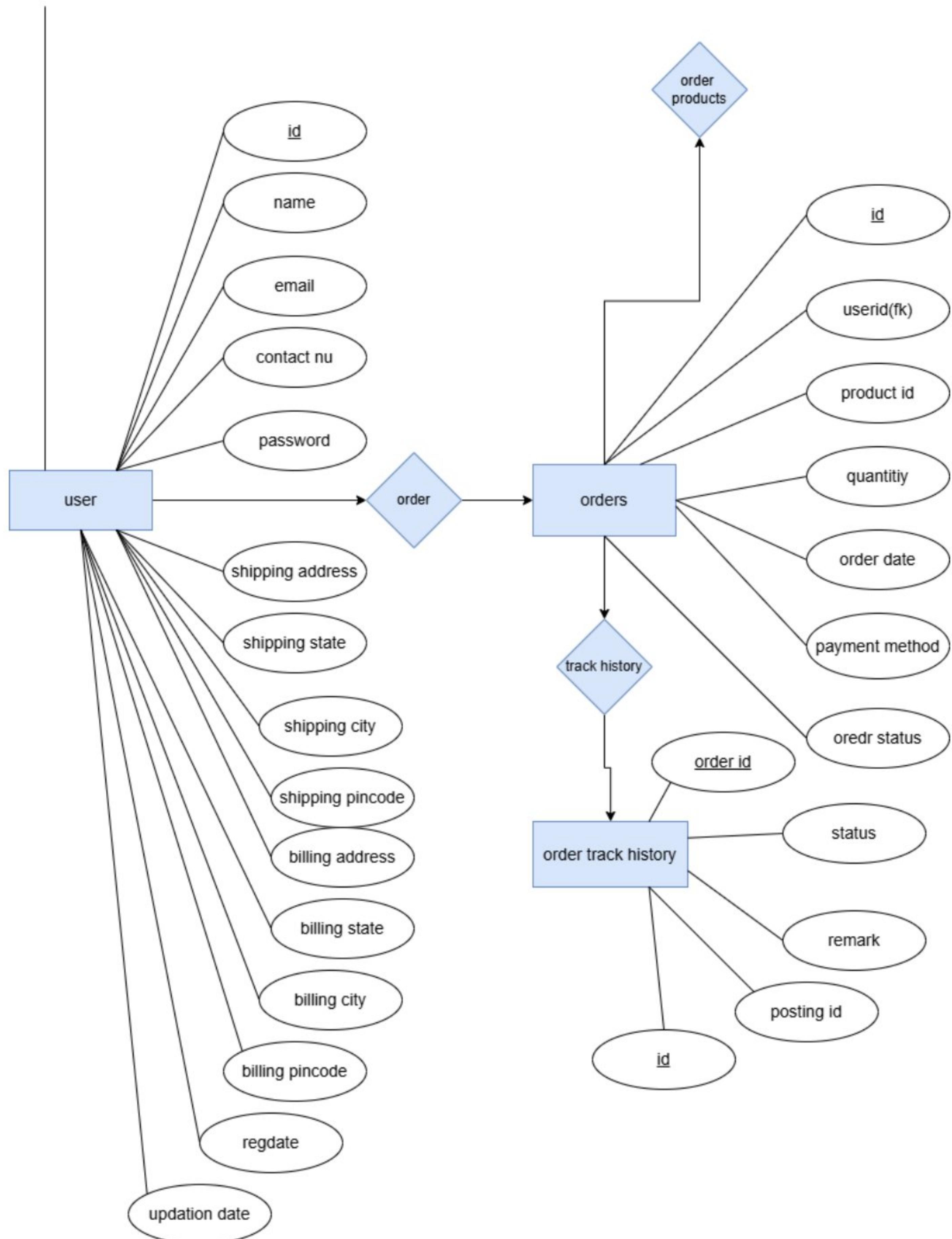
### Non-Functional Requirements

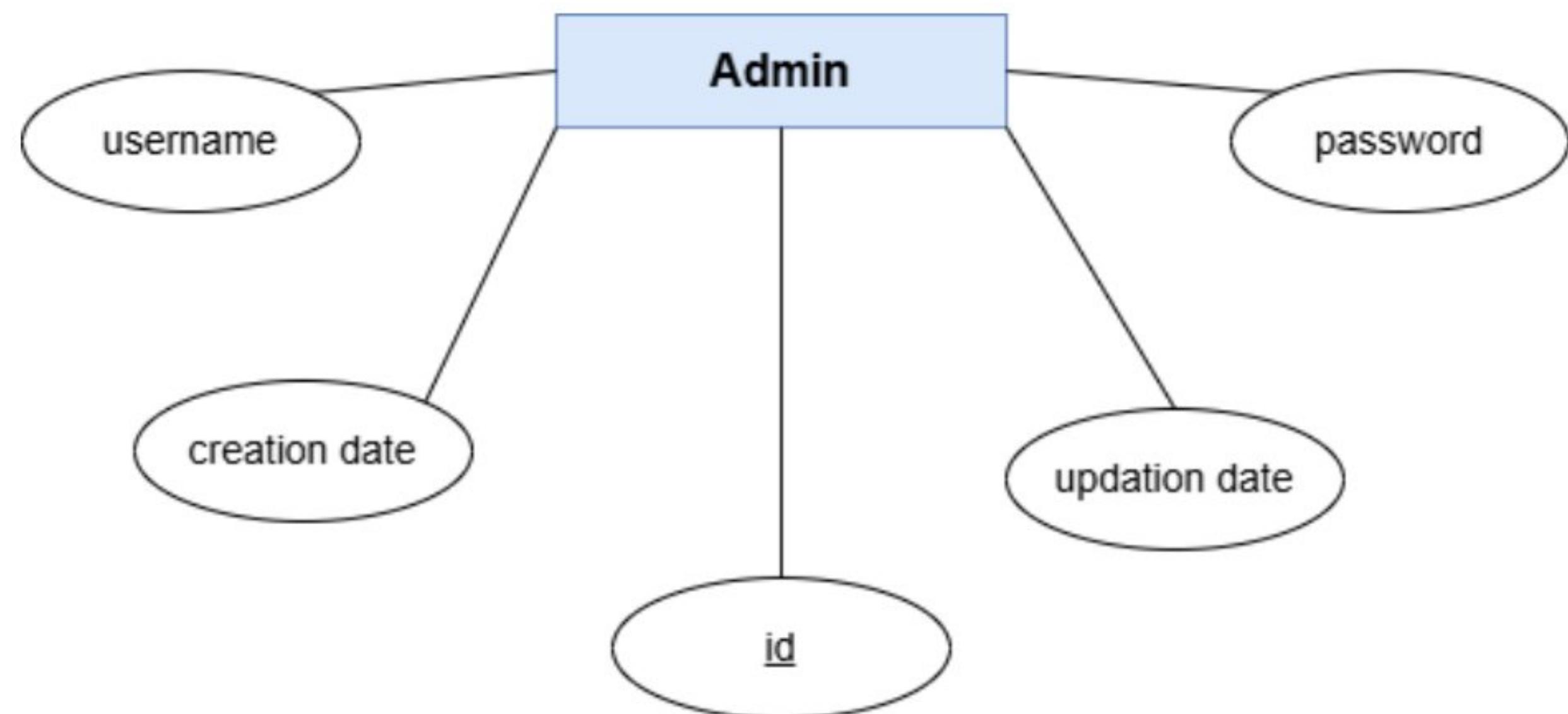
1. **Performance:** Load within 3 seconds; handle 10,000 concurrent users.
2. **Scalability:** Support horizontal scaling.
3. **Security:** Data encryption and privacy compliance.
4. **Usability:** Intuitive user interface.
5. **Availability:** 99.9% uptime.
6. **Maintainability:** Modular code and documentation.
7. **Compatibility:** Accessible on all devices and browsers.

## ❖ Entity Relationship Diagram (ERD)









## Table structures

### 1. Table: Admin

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
username	VARCHAR(255)	NOT NULL
password	VARCHAR(255)	NOT NULL

creationDate	DATETIME	NOT NULL
updationDate	DATETIME	NOT NULL

## 2. Table: Category

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
categoryName	VARCHAR(255)	NOT NULL
categoryDescription	TEXT	NOT NULL
creationDate	DATETIME	NOT NULL
updationDate	DATETIME	NOT NULL

## 3. Table: Order

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
userId	INT	FOREIGN KEY (Users.id), NOT NULL
productId	INT	FOREIGN KEY (Products.id), NOT NULL

quantity	INT	NOT NULL
orderDate	DATETIME	NOT NULL
paymentMethod	VARCHAR(255)	NOT NULL
orderStatus	VARCHAR(255)	NOT NULL

#### 4. Table: OrderTrackHistory

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
orderId	INT	FOREIGN KEY (Order.id), NOT NULL
status	VARCHAR(255)	NOT NULL
remark	TEXT	NOT NULL
postingId	INT	NOT NULL

#### 5. Table: ProductViews

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT

<b>Column Name</b>	<b>Data Type</b>	<b>Constraints</b>
productId	INT	FOREIGN KEY (Products.id), NOT NULL
quality	FLOAT	NOT NULL
price	FLOAT	NOT NULL
value	FLOAT	NOT NULL
name	VARCHAR(255)	NOT NULL
summary	TEXT	NOT NULL
review	TEXT	NOT NULL
reviewDate	DATETIME	NOT NULL

## 6. Table: Products

<b>Column Name</b>	<b>Data Type</b>	<b>Constraints</b>
id	INT	PRIMARY KEY, AUTO_INCREMENT
category	INT	FOREIGN KEY (Category.id), NOT NULL
subcategory	INT	FOREIGN KEY (SubCategory.id), NULL

productName	VARCHAR(255)	NOT NULL
productCompany	VARCHAR(255)	NOT NULL
productPrice	FLOAT	NOT NULL
productPriceBeforeDiscount	FLOAT	NOT NULL
productDescription	TEXT	NOT NULL
productImg1	VARCHAR(255)	NOT NULL
productImg2	VARCHAR(255)	NULL
productImg3	VARCHAR(255)	NULL
shippingCharge	FLOAT	NOT NULL
productAvailability	BOOLEAN	NOT NULL
postingDate	DATETIME	NOT NULL
updationDate	DATETIME	NOT NULL

## 7. Table: SubCategory

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
categoryId	INT	FOREIGN KEY (Category.id), NOT NULL
subcategory	VARCHAR(255)	NOT NULL

creationDate	DATETIME	NOT NULL
updationDate	DATETIME	NOT NULL

### 8. Table: UserLog

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
userEmail	VARCHAR(255)	NOT NULL
userIP	VARCHAR(45)	NOT NULL
loginTime	DATETIME	NOT NULL
logout	DATETIME	NULL
status	BOOLEAN	NOT NULL

### 9. Table: Users

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
name	VARCHAR(255)	NOT NULL
email	VARCHAR(255)	UNIQUE, NOT NULL

contactNo	VARCHAR(15)	NOT NULL
password	VARCHAR(255)	NOT NULL
shippingAddress	TEXT	NOT NULL
shippingState	VARCHAR(255)	NOT NULL
shippingCity	VARCHAR(255)	NOT NULL
shippingPincode	VARCHAR(15)	NOT NULL
billingAddress	TEXT	NOT NULL
billingState	VARCHAR(255)	NOT NULL
billingCity	VARCHAR(255)	NOT NULL
billingPincode	VARCHAR(15)	NOT NULL
regDate	DATETIME	NOT NULL
updationDate	DATETIME	NOT NULL

#### 10. Table: Wishlist

Column Name	Data Type	Constraints
id	INT	PRIMARY KEY, AUTO_INCREMENT
userId	INT	FOREIGN KEY (Users.id), NOT NULL

productId	INT	FOREIGN KEY (Products.id), NOT NULL
postingDate	DATETIME	NOT NULL

## **Sample input and output screen**

**Home page:-**

My Account    Wishlist    My Cart    Login    Track Order

Search here...

CART - RS. 0.00 0

## Shopnex

- [HOME](#)
- [MOBILES](#)
- [FASHION](#)
- [ELECTRONICS](#)
- [GROCERY](#)
- [BEAUTY](#)
- [IPHONE](#)

**CATEGORIES**

- [MOBILES](#)
- [FASHION](#)
- [ELECTRONICS](#)
- [GROCERY](#)
- [BEAUTY](#)
- [IPHONE](#)
- [TV](#)

**BLACK FRIDAY SUPER SALE**

Check shipping conditions in our website

GET UP TO 75% EXTRA OFF

**MONEY BACK**

30 DAY MONEY BACK GUARANTEE.

**FREE SHIPPING**

FREE SHIP-ON ORDER OVER RS.

**SPECIAL SALE**

ALL ITEMS-SALE UP TO 20% OFF

## All Product

600.00

All Products

iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Black

Rs.45490   Re.45490

[Add to Cart](#)

iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Ultramarine

Rs.77000   Re.77000

[Add to Cart](#)

SAMSUNG 139 cm (55 inches) Metal Bezels Series 4K Ultra HD Smart LED Google TV 55V6B (Black)

Rs.26990   Re.20

[Add to Cart](#)

Noise Twist Round dial Smart Watch with Bluetooth Calling, 1.38" TFT Display, up-to 7 Days Battery, 100+ Watch Faces, IP68, Heart Rate Monitor, Sleep Tracking (Rose Pink)

Rs.2100   Re.2000

[Add to Cart](#)

OUR BRANDS

localhost/Shopping/product-details.php?pid=25

## Cart

Welcome -sachin sargar   My Account   Wishlist   My Cart   Logout   Track Order

**Shopnex**

Search here...

CART - RS. 77040.00

**HOME** MOBILES FASHION ELECTRONICS GROCERY BEAUTY IPHONE

Home / Shopping Cart

Remove	Image	Product Name	Quantity	Price Per unit	Shipping Charge	Grandtotal
<input type="checkbox"/>		IPHONE 16 128 GB: 5G MOBILE PHONE WITH CAMERA CONTROL, A18 CHIP AND A BIG BOOST IN BATTERY LIFE. WORKS WITH AIRPODS; ULTRAMARINE	<input type="button" value="1"/>	RS 77000.00	RS 40.00	77040.00

( 0 Reviews )

## Login and registration

Home / Authentication

**SIGN IN**

Hello, Welcome to your account.

You have successfully logout

Email Address \*

Password \*

**CREATE A NEW ACCOUNT**

Create your own Shopping account.

Full Name \*

Email Address \*

Contact No. \*

Forgot your Password?

Password. \*

Confirm Password. \*

## Track Order

The screenshot shows the Shopnex website's tracking page. At the top, there is a navigation bar with links for 'My Account', 'Wishlist', 'My Cart', and 'Login'. On the right side of the top bar is a 'Track Order' button. Below the navigation bar is the Shopnex logo. A search bar with the placeholder 'Search here...' and a magnifying glass icon is positioned next to it. To the right of the search bar is a 'CART - R\$ 0.00' button with a small yellow circle containing the number '0' and a shopping bag icon. The main menu below the logo includes categories: HOME, MOBILES, FASHION, ELECTRONICS, GROCERY, BEAUTY, and IPHONE. A breadcrumb navigation 'Home / Track your orders' is located above the tracking form. The tracking form itself has fields for 'Order ID' and 'Registered Email', both represented by input boxes. A 'TRACK' button is located below these fields. The background of the page features a light gray gradient.

## Profile

The screenshot shows the Shopnex website's profile editing page. At the top, there is a breadcrumb navigation 'Home / Checkout'. The main content area is divided into two sections: 'MY PROFILE' on the left and 'YOUR CHECKOUT PROGRESS' on the right. The 'MY PROFILE' section contains a 'Personal info' form with fields for 'Name\*', 'Email Address\*', and 'Contact No.\*'. Each field has an associated input box. Below the form is an 'UPDATE' button. The 'YOUR CHECKOUT PROGRESS' section lists several steps: 'My Account', 'Shipping / Billing Address', 'Order History', and 'Payment Pending Order'. The background of the page features a light gray gradient.

## Admin Panel

The screenshot shows the Shopnex Admin dashboard with the title "Todays Orders". The left sidebar has a "Manage users" section highlighted. The main content area displays a table of orders with 2 entries. Each entry includes the order number, name, email/contact, product details, order date, and an "Action" button.

#	Name	Email /Contact no	Product	Order Date	Action
1	Anuj Kumar	anuj.k@gmail.com/9009857868	iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Black	2024-11-30 03:06:36	<button>Details</button>
2	Anuj Kumar	anuj.k@gmail.com/9009857868	iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Ultramarine	2024-11-30 03:07:55	<button>Details</button>

## Todays Orders

The screenshot shows the Shopnex Admin dashboard with the title "Todays Orders". The left sidebar has a "Manage users" section highlighted. The main content area displays a table of orders with 2 entries. Each entry includes the order number, name, email/contact, product details, order date, and an "Action" button.

#	Name	Email /Contact no	Product	Order Date	Action
1	Anuj Kumar	anuj.k@gmail.com/9009857868	iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Black	2024-11-30 03:06:36	<button>Details</button>
2	Anuj Kumar	anuj.k@gmail.com/9009857868	iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Ultramarine	2024-11-30 03:07:55	<button>Details</button>

© Shopping Portal

## Manage user



- [Order Management](#)
- [Manage users](#)
- [Create Category](#)
- [Sub Category](#)
- [Insert Product](#)
- [Manage Products](#)
- [User Login Log](#)
- [Logout](#)

## Manage Users

Show 10 entries

Search:

#	Name	Email	Contact no	Shipping Address/City/State/Zipcode	Billing Address/City/State/Zipcode	Reg. Date
1	Anuj Kumar	anuj.k@gmail.com	9009857868	CS New Delhi,Delhi,New Delhi-110001	New Delhi,Delhi,New Delhi-110092	2024-04-22 01:00:50
2	Amit	amit@gmail.com	8285703355	"-0	"-0	2024-04-22 01:00:50
3	hg	hgfhgf@gmass.com	1121312312	"-0	"-0	2024-04-22 01:00:50
4	John Doe	johndeo@gmail.com	4564566554	A 12323 XYZ Apartment ,New Delhi,Delhi-110092	A 12323 XYZ Apartment ,New Delhi,Delhi-110092	2024-05-23 19:00:34
5	Amit kumar	amit12@gmail.com	1414253625	A 123 XYZ Apartment,new Delhi,Delhi-110023	A 123 XYZ Apartment,new Delhi,Delhi-110023	2024-06-05 06:33:24
6	sachin sargar	sss000@gmail.com	9881884005	"-	"-	2024-11-28 01:37:23

## Category



- [Order Management](#)
- [Manage users](#)
- [Create Category](#)
- [Sub Category](#)
- [Insert Product](#)
- [Manage Products](#)
- [User Login Log](#)
- [Logout](#)

## Category

Category Name

Enter category Name

Description

**Create**

## Manage Categories

Show 10 entries

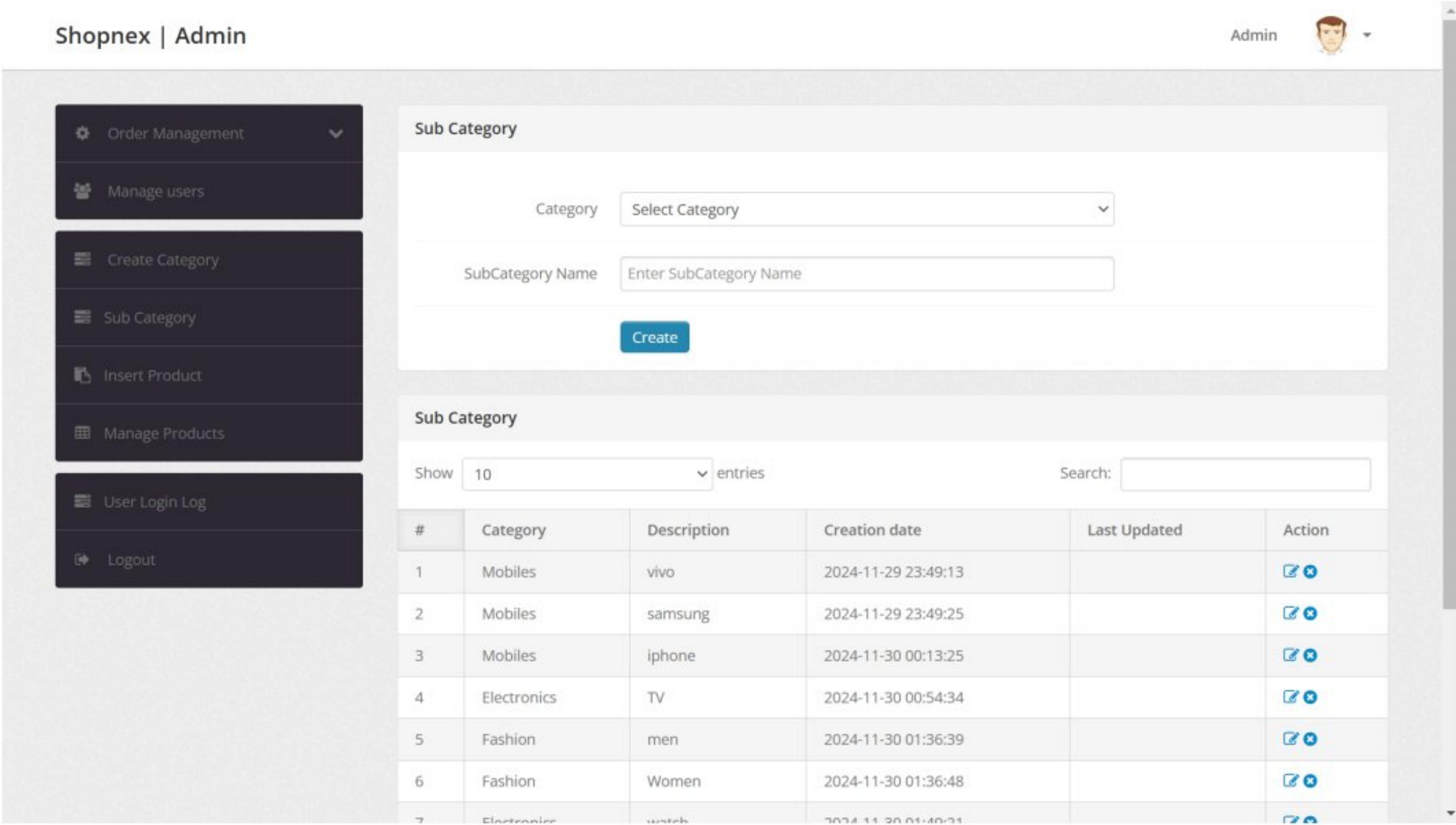
Search:

#	Category	Description	Creation date	Last Updated	Action
1	Mobiles		2024-11-29 23:47:47		
2	Fashion		2024-11-29 23:50:25		
3	Electronics		2024-11-29 23:50:38		
4	Grocery		2024-11-29 23:51:40		

## Sub Category

Shopnex | Admin

Admin 

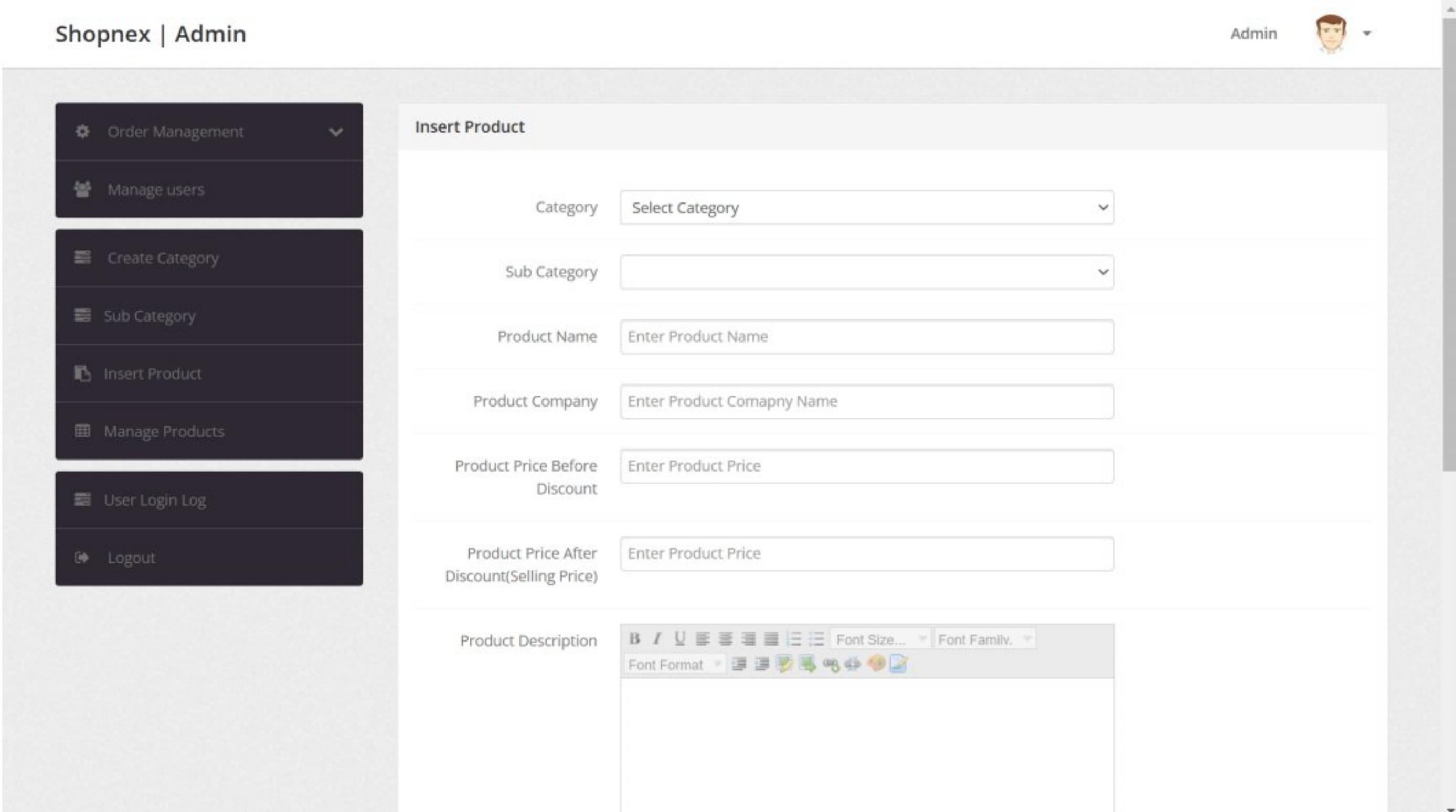


#	Category	Description	Creation date	Last Updated	Action
1	Mobiles	vivo	2024-11-29 23:49:13		 
2	Mobiles	samsung	2024-11-29 23:49:25		 
3	Mobiles	iphone	2024-11-30 00:13:25		 
4	Electronics	TV	2024-11-30 00:54:34		 
5	Fashion	men	2024-11-30 01:36:39		 
6	Fashion	Women	2024-11-30 01:36:48		 
7	Electronics	watch	2024-11-30 01:40:21		 

## Insert Product

Shopnex | Admin

Admin 



Category	Select Category
Sub Category	
Product Name	Enter Product Name
Product Company	Enter Product Company Name
Product Price Before Discount	Enter Product Price
Product Price After Discount(Selling Price)	Enter Product Price

## Manage Product

Shopnex | Admin

Admin



Manage Products

Show 10 entries Search:

#	Product Name	Category	Subcategory	Company Name	Product Creation Date	Action
1	iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Black	Mobiles	iphone	Apple	2024-11-30 00:17:27	<input checked="" type="checkbox"/> <a href="#">Edit</a>
2	iPhone 16 128 GB: 5G Mobile Phone with Camera Control, A18 Chip and a Big Boost in Battery Life. Works with AirPods; Ultramarine	Mobiles	iphone	Apple	2024-11-30 00:29:42	<input checked="" type="checkbox"/> <a href="#">Edit</a>
3	SAMSUNG 139 cm (55 inches) Metallic Bezel-Less Series 4K Ultra HD Smart LED Google TV 55V6B (Black)	Electronics	TV	samsung	2024-11-30 00:56:48	<input checked="" type="checkbox"/> <a href="#">Edit</a>
4	Noise Twist Round dial Smart Watch with Bluetooth Calling, 1.38" TFT Display, up-to 7 Days Battery, 100+ Watch Faces, IP68, Heart Rate Monitor, Sleep Tracking (Rose Pink)	Electronics	watch	Noise	2024-11-30 01:50:48	<input checked="" type="checkbox"/> <a href="#">Edit</a>

Showing 1 to 4 of 4 entries

## Manage Users

Shopnex | Admin

Admin



Manage Users

Show 10 entries Search:

#	User Email	User IP	Login Time	Logout Time	Status
1	anuj.k@gmail.com	::1	2024-05-22 11:31:21	22-05-2024 11:34:34 AM	Successfull
2	johndeo@gmail.com	::1	2024-05-23 19:00:40		Successfull
3	amit12@gmail.com	::1	2024-06-05 06:33:33	05-06-2024 06:39:31 AM	Successfull
4	sachinsargar000@gmail.com	::1	2024-11-28 01:36:44		Failed
5	sss000@gmail.com	::1	2024-11-28 01:37:41		Successfull
6	sachinsargar000@gmail.com	::1	2024-11-30 02:43:46		Failed
7	sachinsargar000@gmail.com	::1	2024-11-30 02:44:53		Failed
8	sachinsargar000@gmail.com	::1	2024-11-30 02:45:10		Failed
9	sss000@gmail.com	::1	2024-11-30 02:45:57		Failed
10	sss000@gmail	::1	2024-11-30 02:46:11		Failed

Showing 1 to 10 of 12 entries

## Login form for Admin

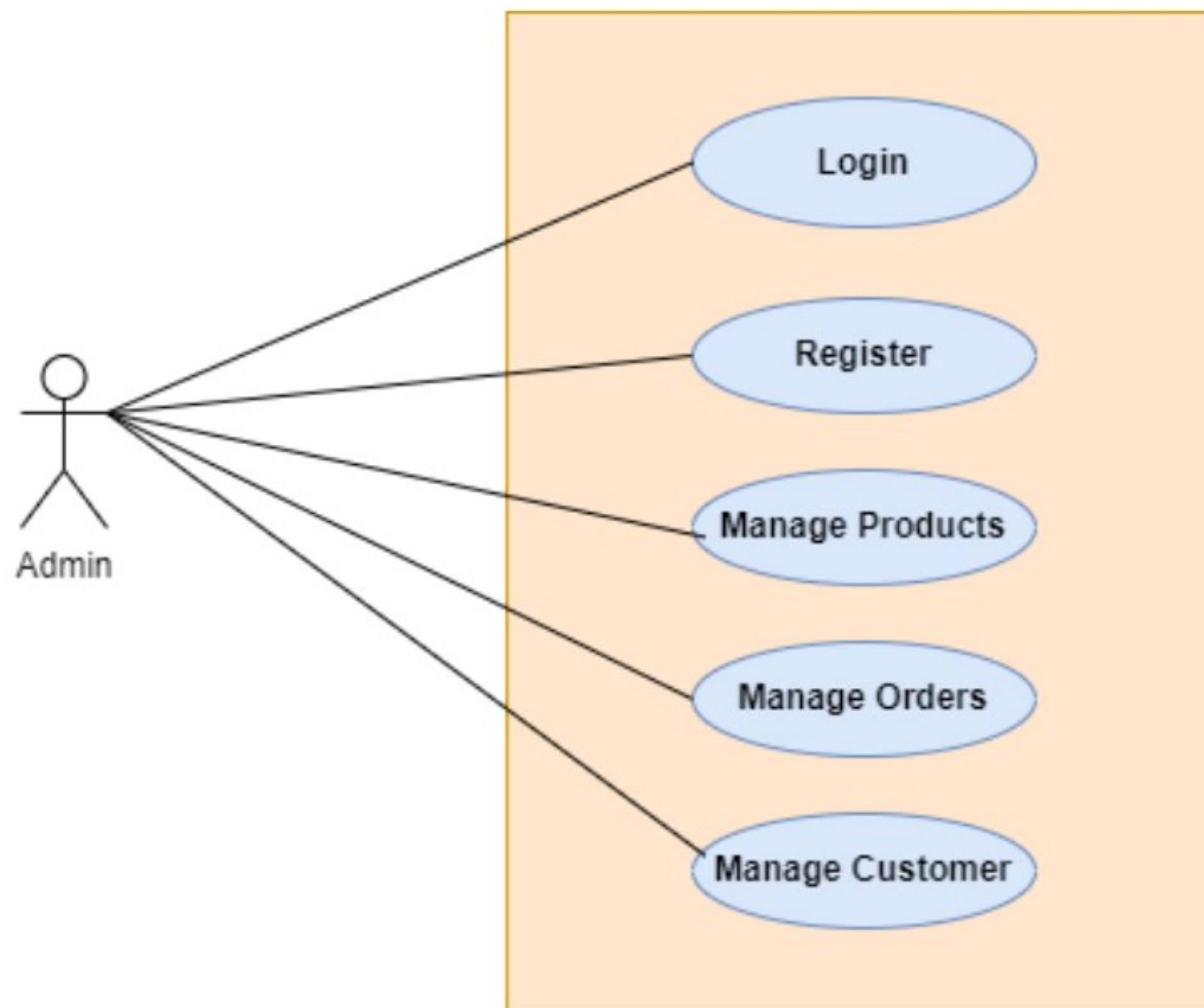
Shopnex | Admin

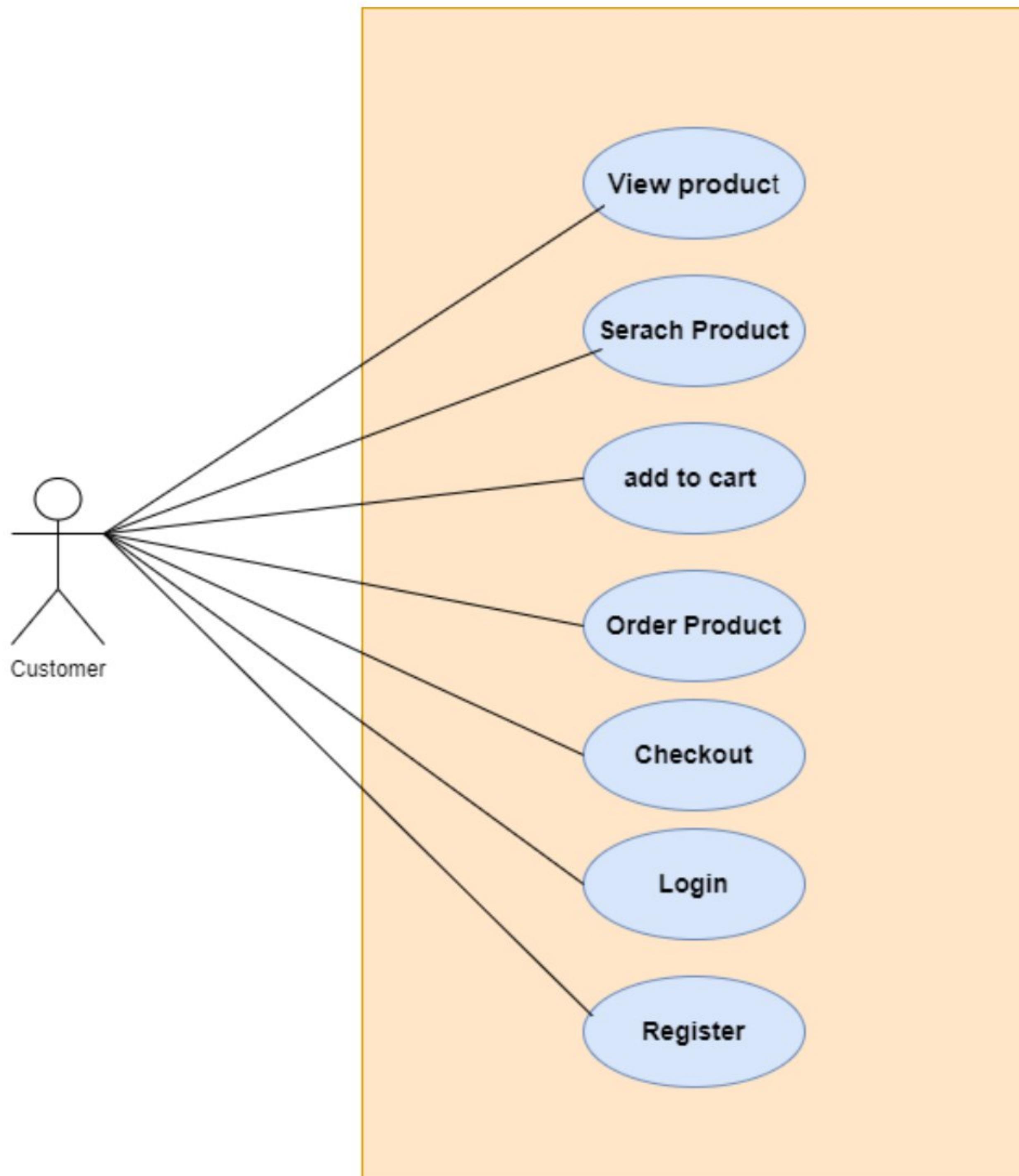
[Back to shopnex](#)

A screenshot of a web-based login interface. At the top center, it says "Sign In". Below that are two input fields: "Username" and "Password", each with a placeholder text inside. At the bottom right of the form is a blue "Login" button.

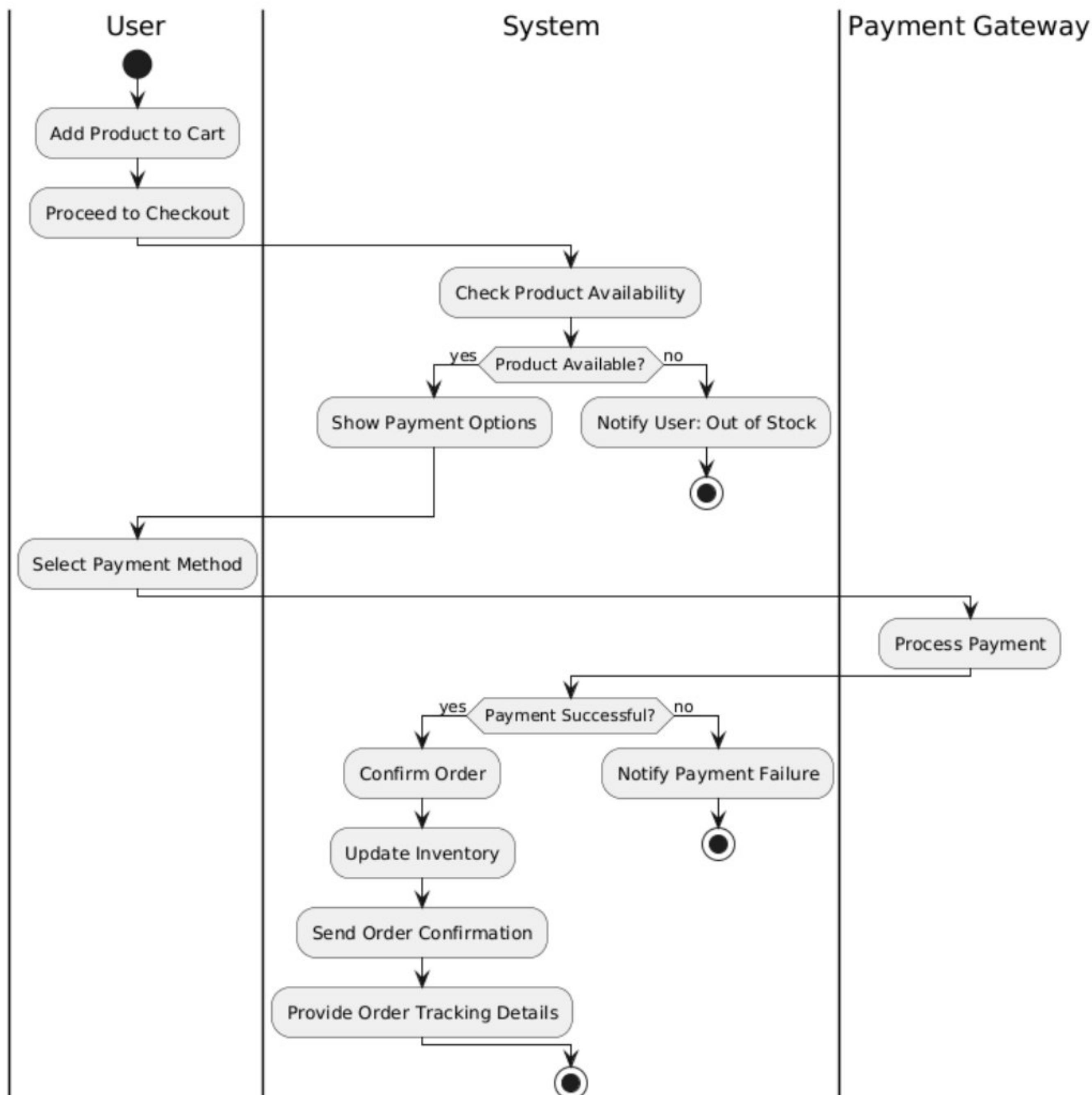
Shopnex

### ❖ Use Case Diagram

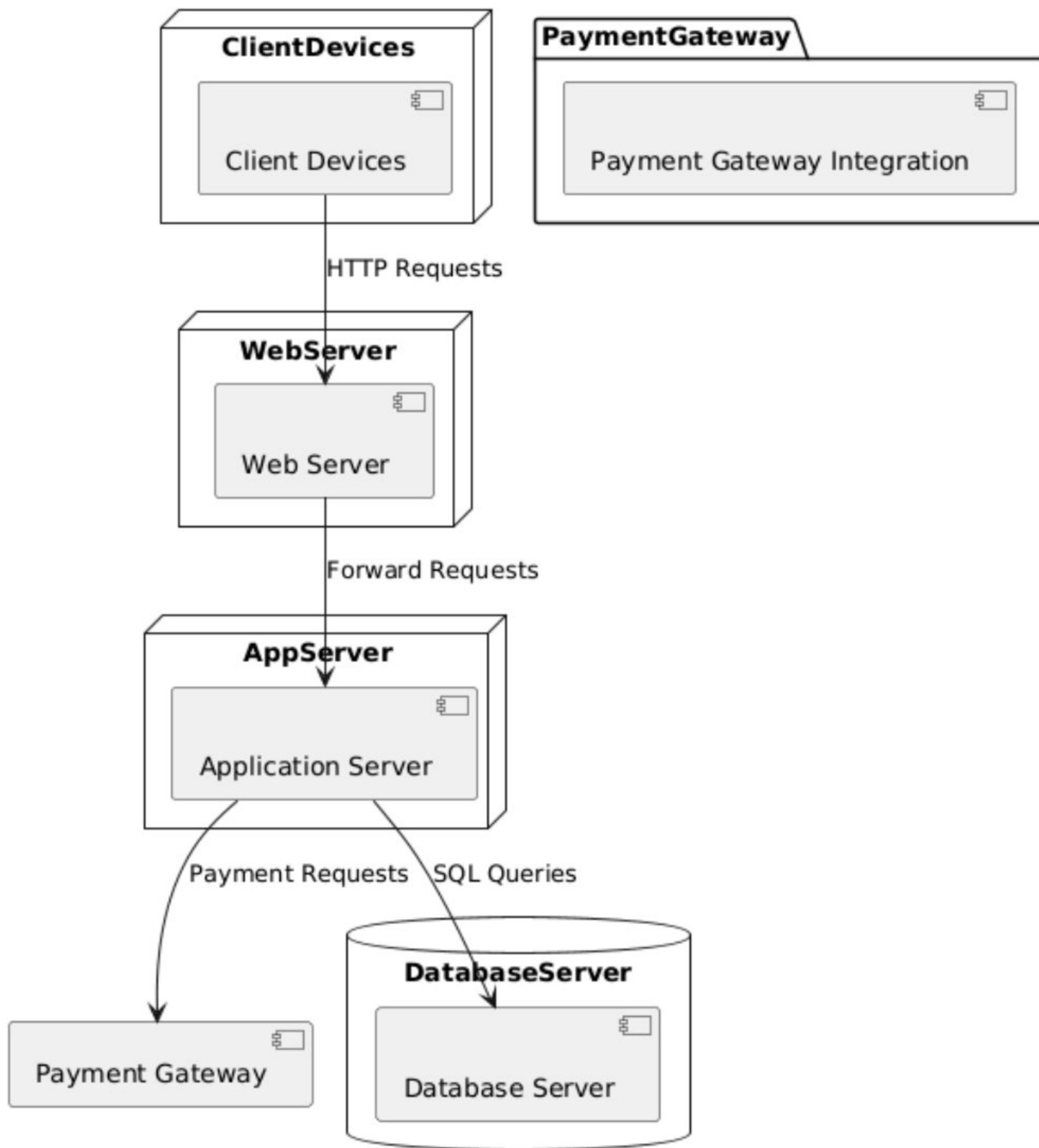




- Activity Diagram



## ❖ Deployment Diagram



# Testing

**Test Case Table**

Test Case ID	Description	Test Step	Expected Result	Actual Result	Status
TC_001	User Registration	1. Navigate to the registration page	Registration page displayed	As expected, Registration page displayed	Pass
		2. Enter invalid email	Error message shown	As expected, error message shown	Pass
		3. Enter all valid details	Register successfully	As expected, registered successfully and redirected to login page	Pass
TC_002	User Login	1. Navigate to the login page	Login page displayed	As expected, login page displayed	Pass
		2. Enter valid mobile number and password	User logged in successfully	As expected, user redirected to dashboard	Pass
		3. Enter invalid mobile number or empty field, valid password	Error message shown	As expected, error message shown	Pass
		4. Enter invalid password or leave it empty	Error message shown	As expected, error message shown	Pass
TC_003	Admin Login	1. Enter URL of the login page	Login page displayed	As expected, login page displayed	Pass
		2. Enter valid ID and password	Redirect to dashboard	As expected, login successful and	Pass

				redirected to dashboard	
		3. Enter invalid ID or password, or leave fields empty	Error message shown	As expected, error message displayed	Pass

## **Conclusion:**

ShopNex successfully delivers a robust, feature-rich e-commerce platform designed to provide an intuitive and seamless shopping experience for both users and business owners. The platform combines essential e-commerce functionalities, including a user-friendly interface, secure payment gateways, inventory management, and order tracking, ensuring that customers can easily browse products, make secure purchases, and track their orders with minimal effort. ShopNex also includes features like real-time product search, customer account management, and personalized recommendations, offering a highly personalized shopping experience. On the business side, the platform supports multiple vendor accounts, efficient order fulfillment, and detailed analytics, empowering businesses to streamline operations and reach a wider audience. The project has been built with scalability in mind, allowing for future enhancements such as integration with third-party services, expansion of payment options, and improved customer engagement features. Emphasis on security ensures that user data and transactions are protected with encryption and secure authentication methods. Moreover, the responsive design ensures the platform is fully optimized across various devices, providing a smooth user experience on desktop, tablet, and mobile. Overall, ShopNex serves as a reliable and adaptable solution for modern e-commerce needs, setting the stage for future growth and innovation in the online retail space.

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