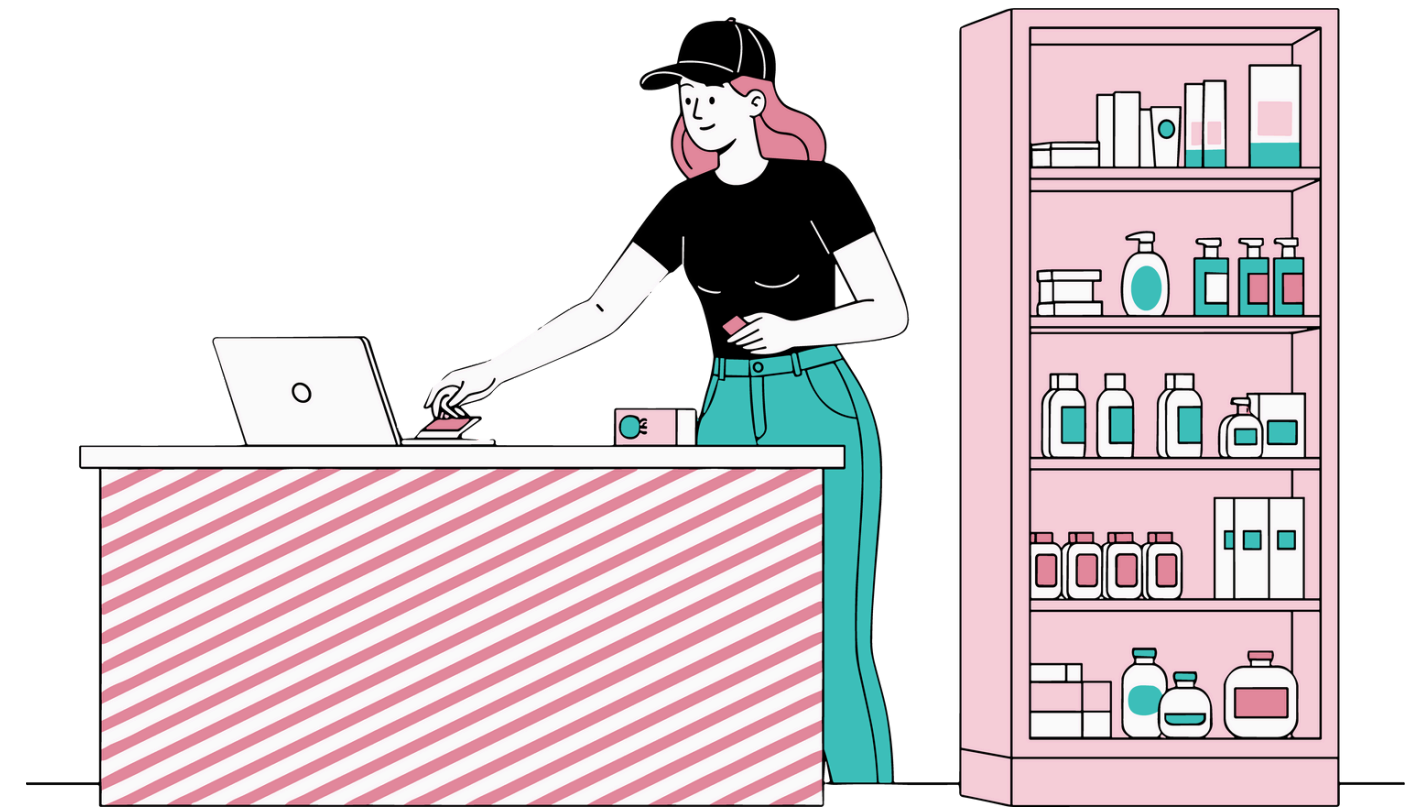


# Cosmetic Product Sales System



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LECTURER

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# What we'll cover

01 Application Overview

02 Why Do We MakeThis ?

03 Technologies Used

04 Users & System Functions

05 Diagrams

06 Demo

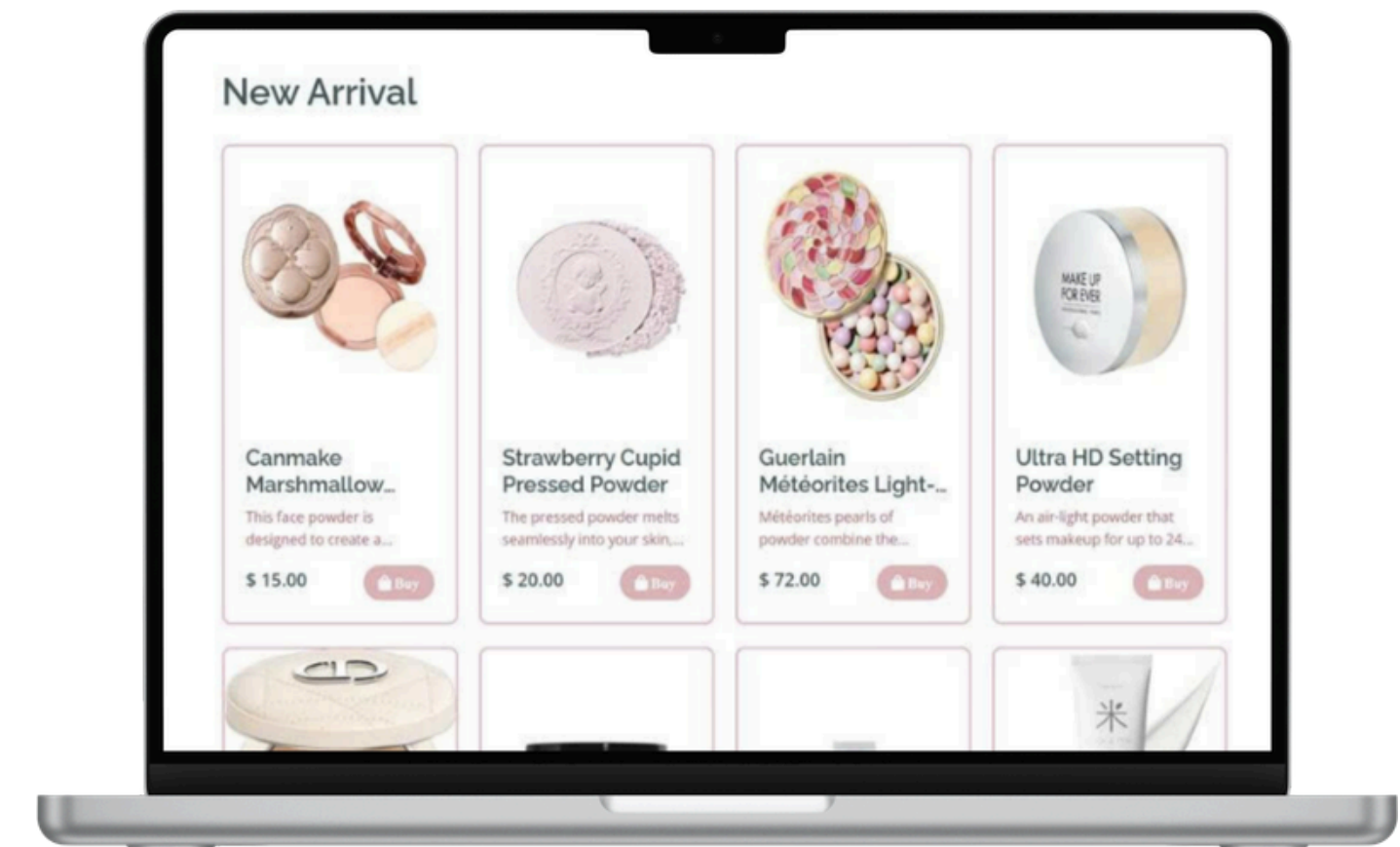
07 Future work

# Application Overview

Web-based cosmetic product sales system

Supports online selling and shop management

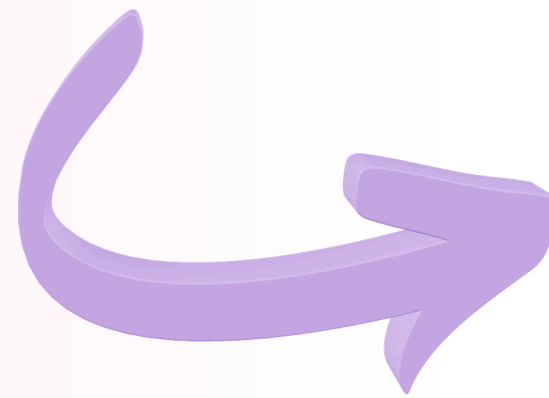
Designed for small cosmetic online retail businesses



# Why Do We Make This?

## Problems

Many small shop still manage sales using Excel files, social media messages, and manual notes.



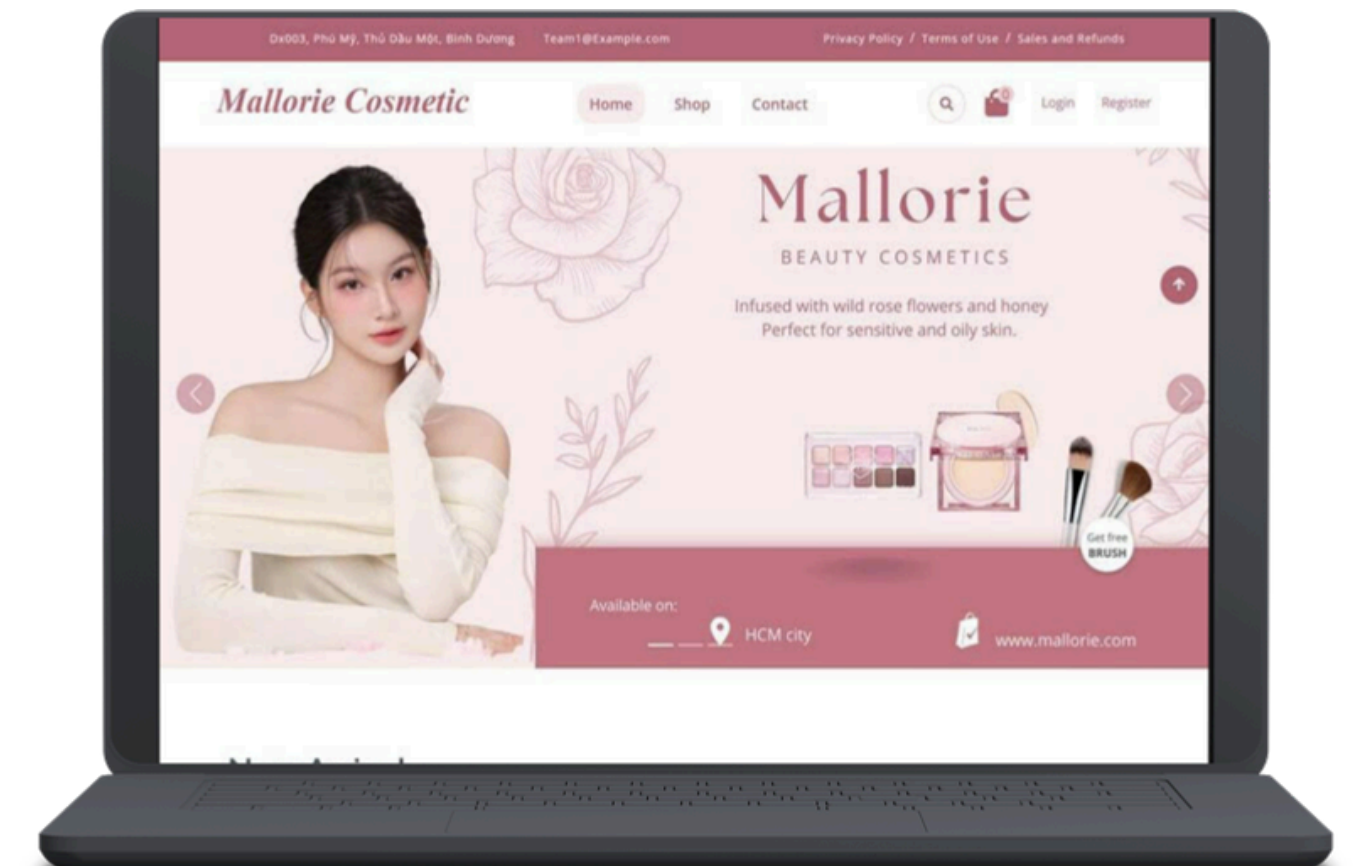
This leads to inventory errors and processing delays  
Sales tracking and decision-making are inefficient



# Why Do We Make This?

## Solution

Our website centralizes product, order, and inventory management in one system.





# Technologies Used

## FRONTEND

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HTML5, CSS3, Bootstrap,  
JavaScript for user interface design

## BACKEND

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ASP.NET MVC for business logic  
and request handling

## DATABASE

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Microsoft SQL Server for storing  
system data

# Users & System Functions

## Customer

- 👉 View cosmetic products with images, descriptions, and prices
- 👉 Search and filter products
- 👉 Add products to cart and checkout
- 👉 Register, log in, and manage profile
- 👉 Place orders and track order status





# Users & System Functions

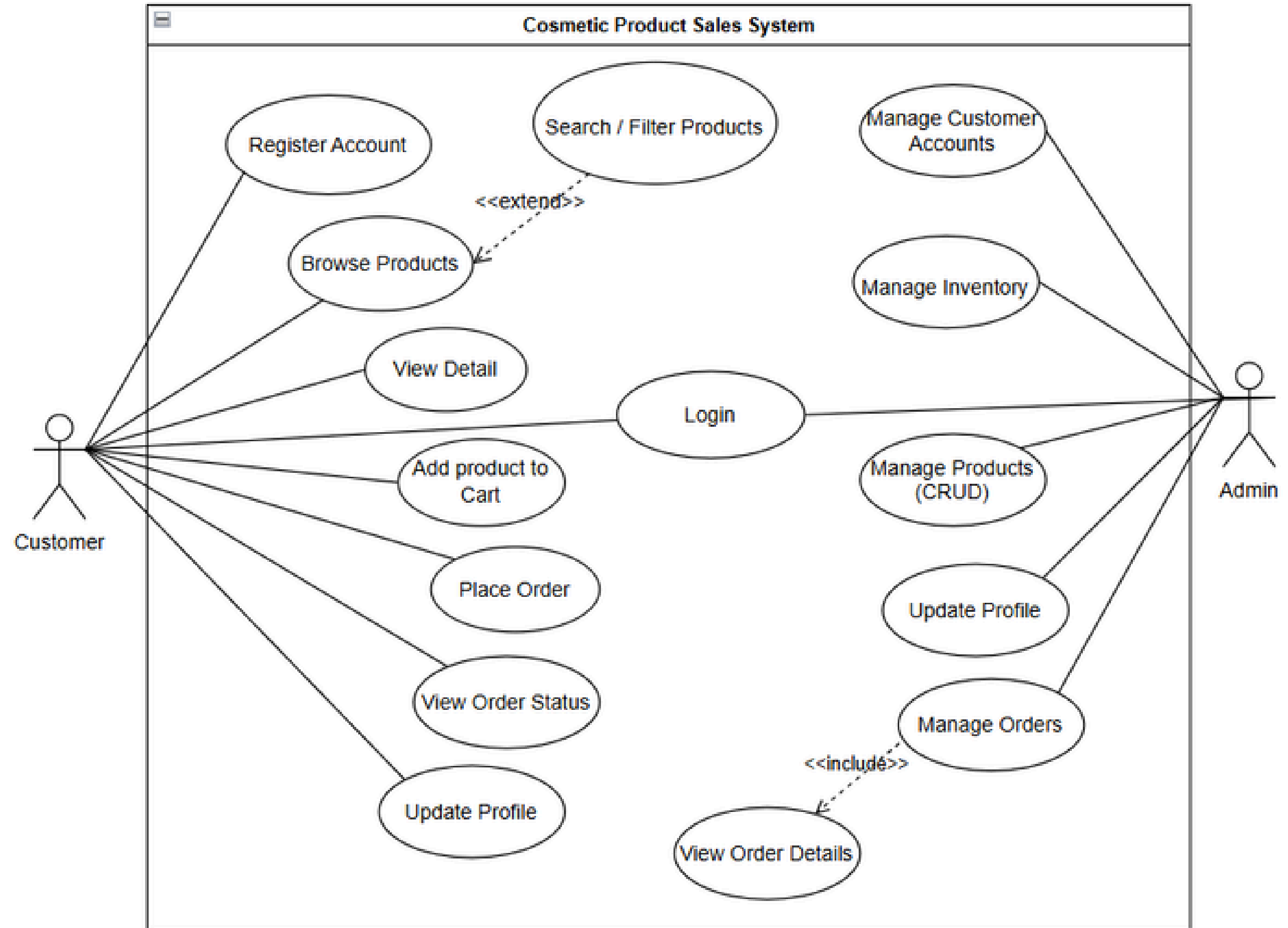
## Admin

- ☞ Product and category management (View, Create, Updat, Delete)
- ☞ Inventory management with automatic stock updates
- ☞ Basic user account management
- ☞ Manage orders
- ☞ Update profile ( Edit their information)

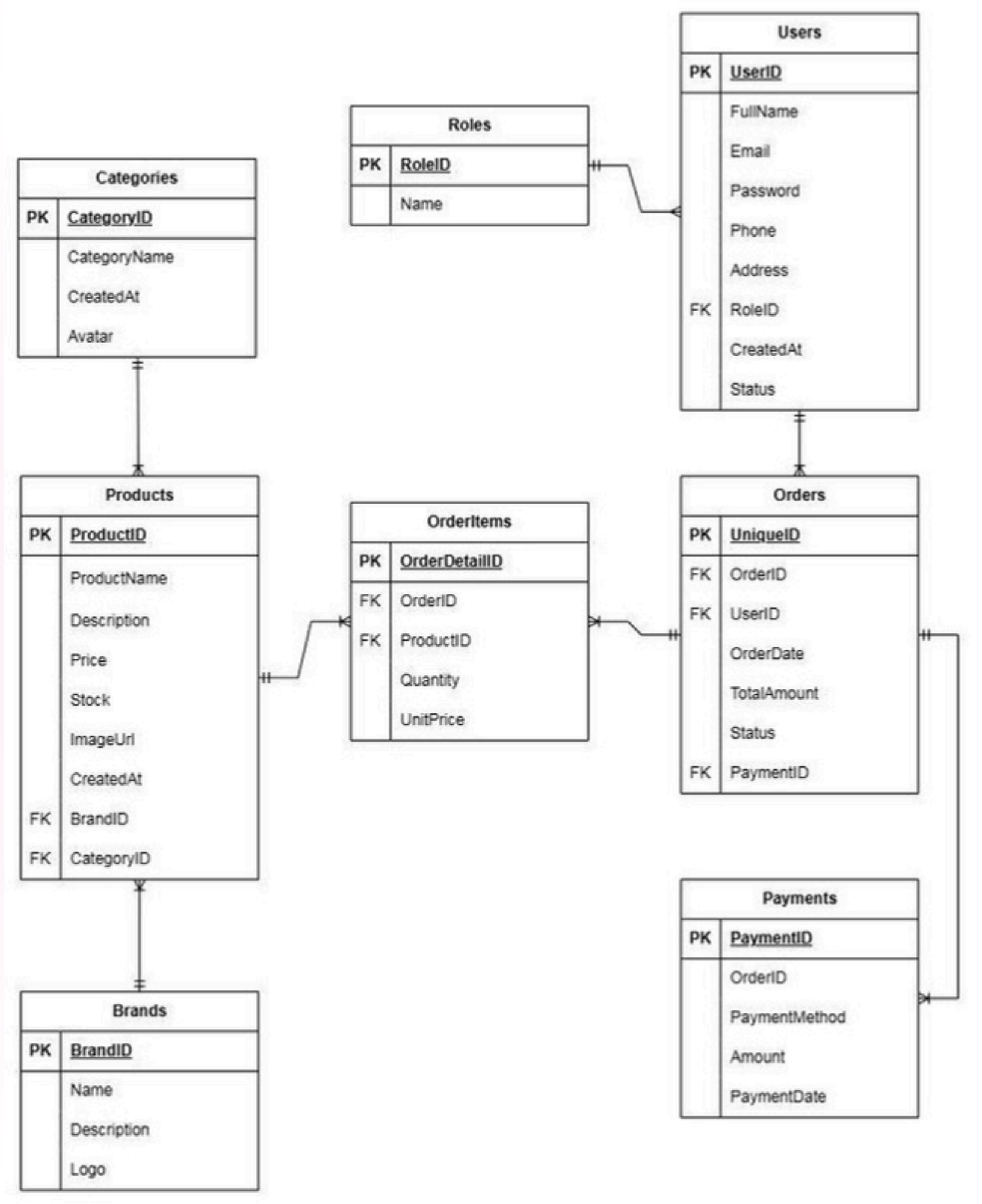


# Diagram

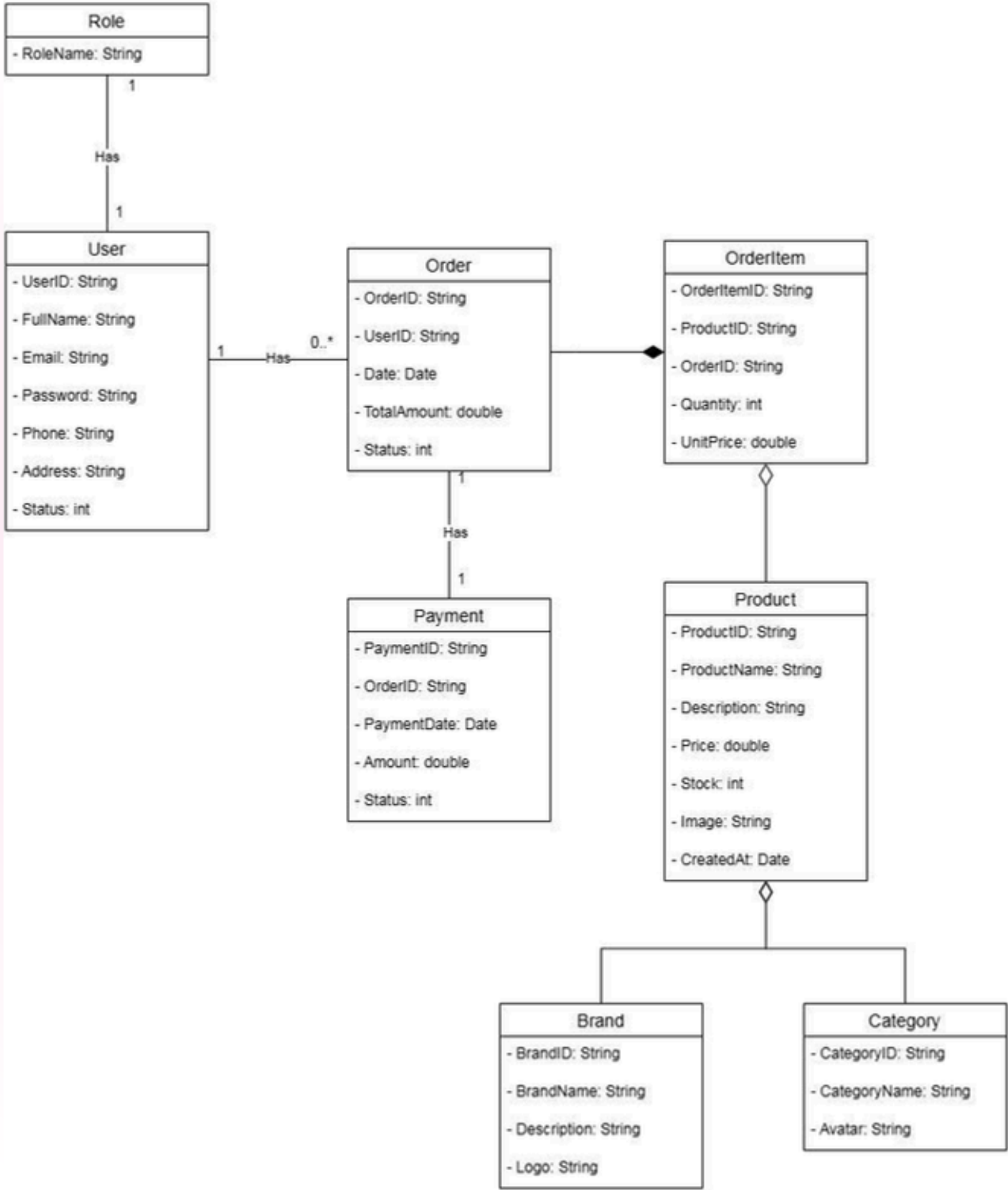
# Use Case Diagram



# Entity-Relationship Diagram

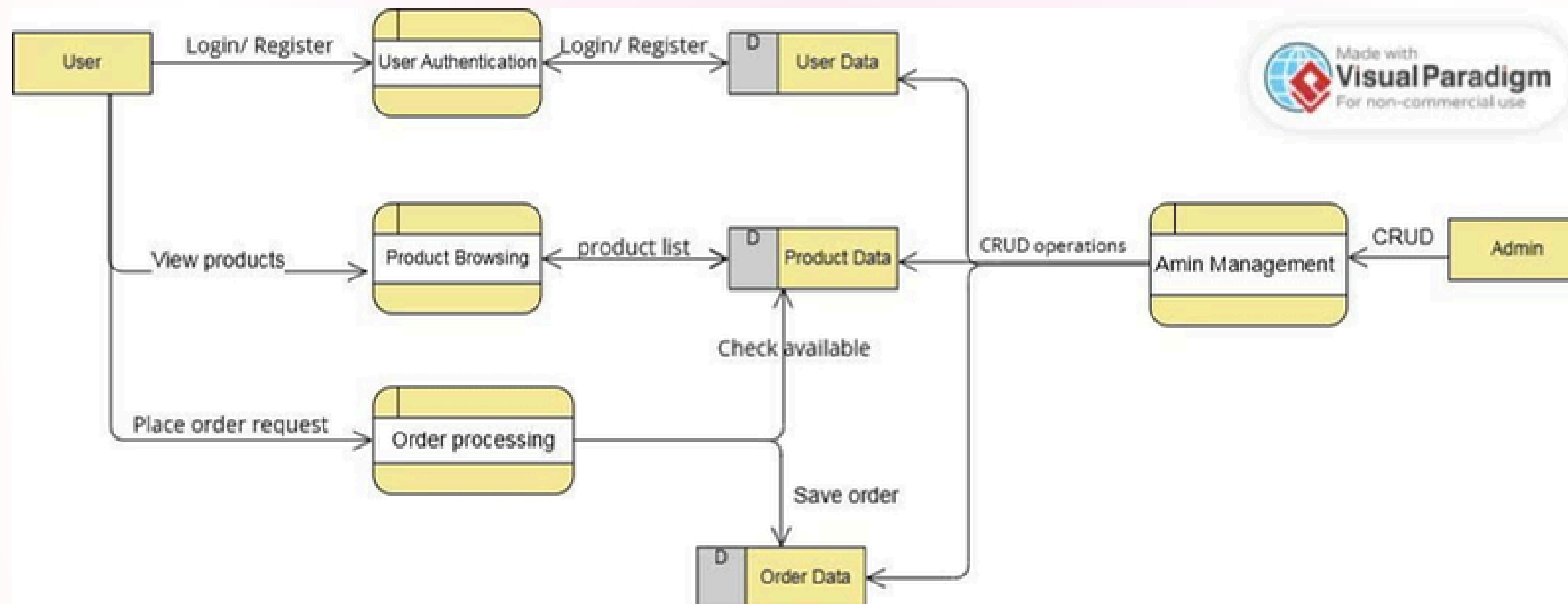


# Class Diagram

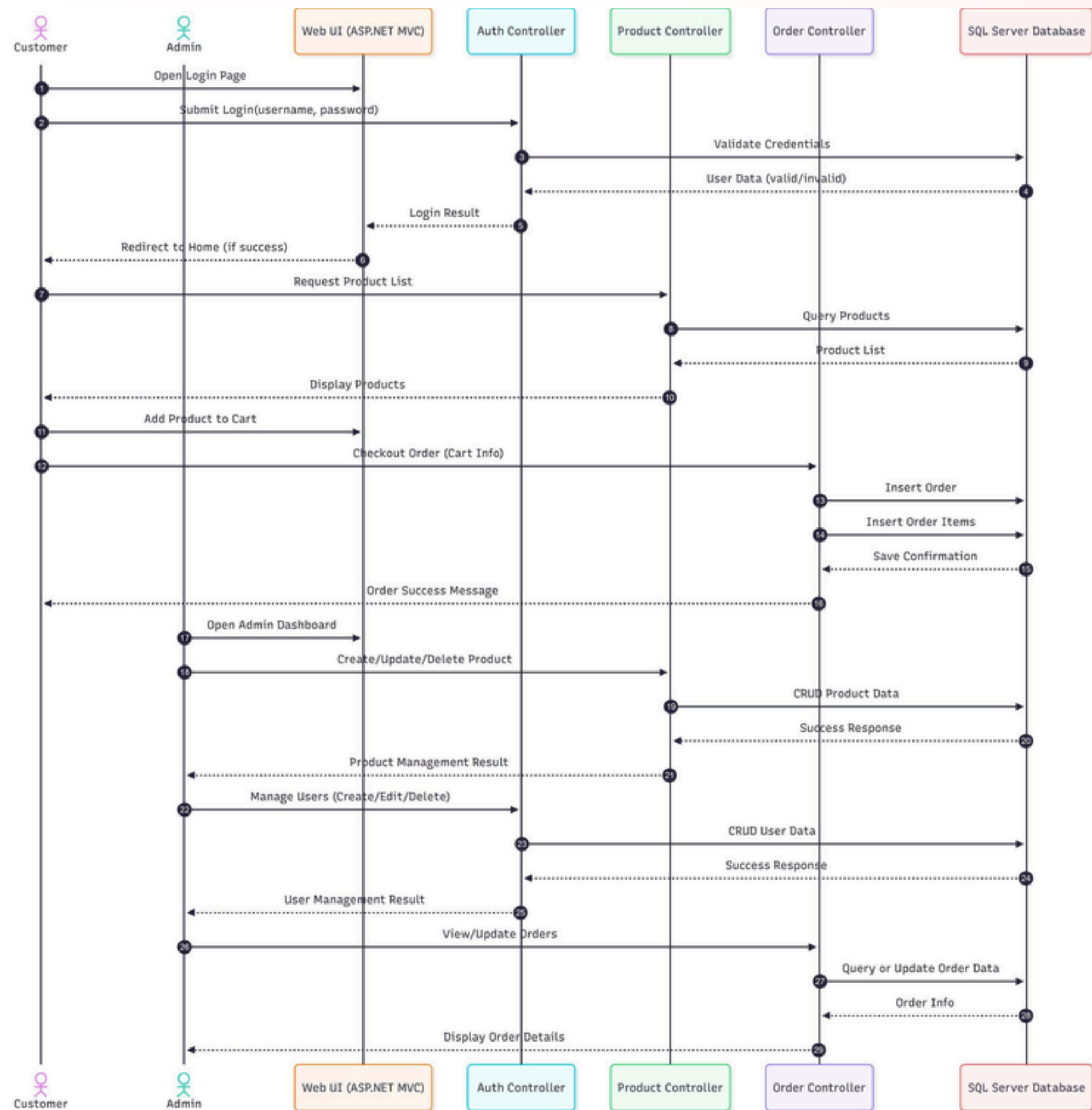




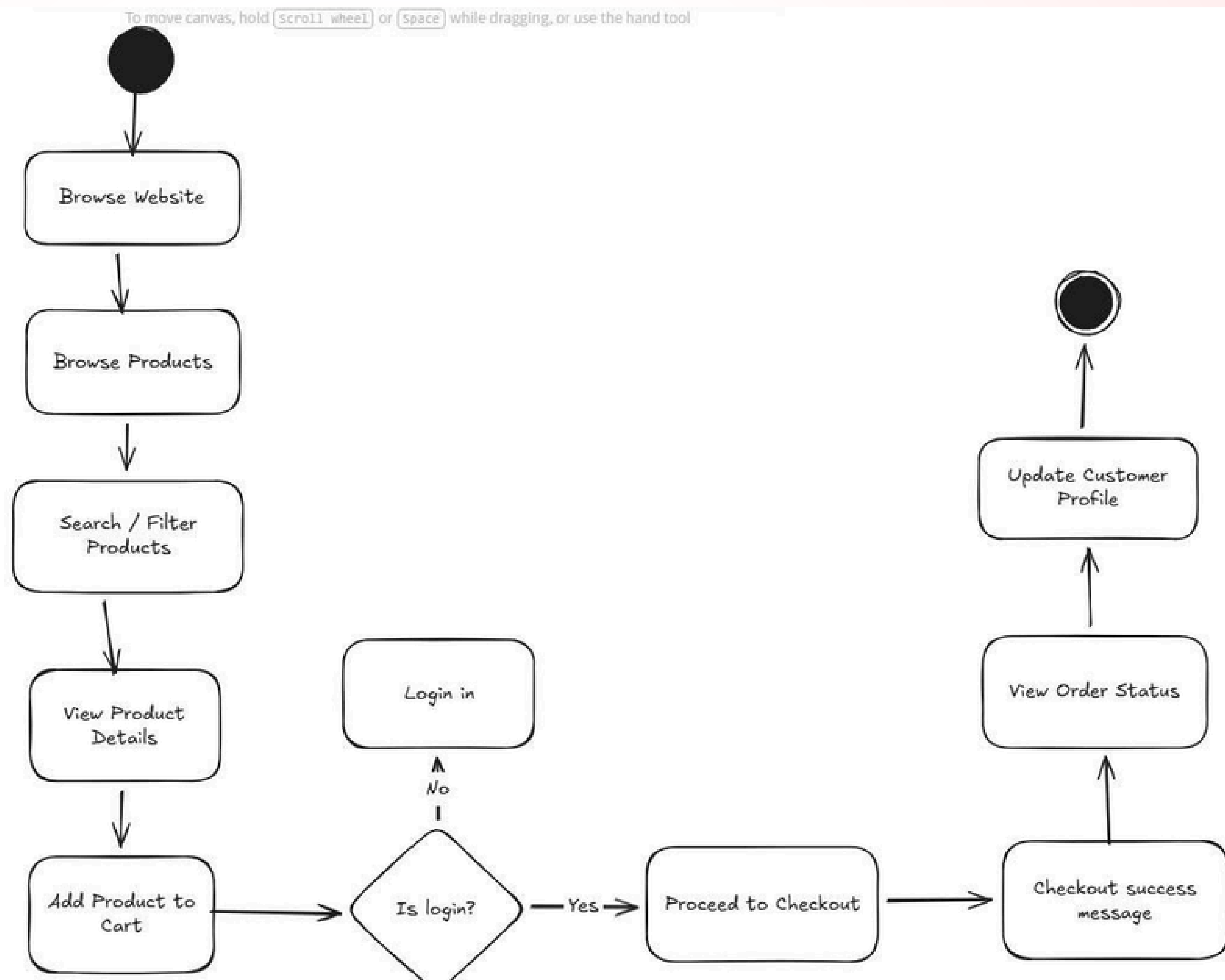
# Data Flow Diagram



# Sequence Diagram



# Activity Diagram



# Demo

# Future Work

Order management (view, confirm, update order status) for admin

Development of a mobile application for customers and staff

Integration with online payment gateways such as MoMo or VNPay

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