



IMPERIAL COLLEGE of ENGINEERING

(Affiliated by Rajshahi University Code: 385)

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Presentation:

Online Shopping Management System

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Abstract

The project is an online shopping system for a specific category of products or companies where the administrator adds products of different categories. The customers will select the products in their cart for future purchases. After selection, they will create an account or log in to an existing account and proceed to payment. After purchasing they will find the list of orders they previously created in their account and will be able to see where the products are shipped and within how many days they may receive the product. There will be many categories of products. Customer may choose products from the online system easily by staying in the comfort of their own home. They will not need to go shopping to buy from there. The same product which they selected will be shipped to their doorstep.

Objective

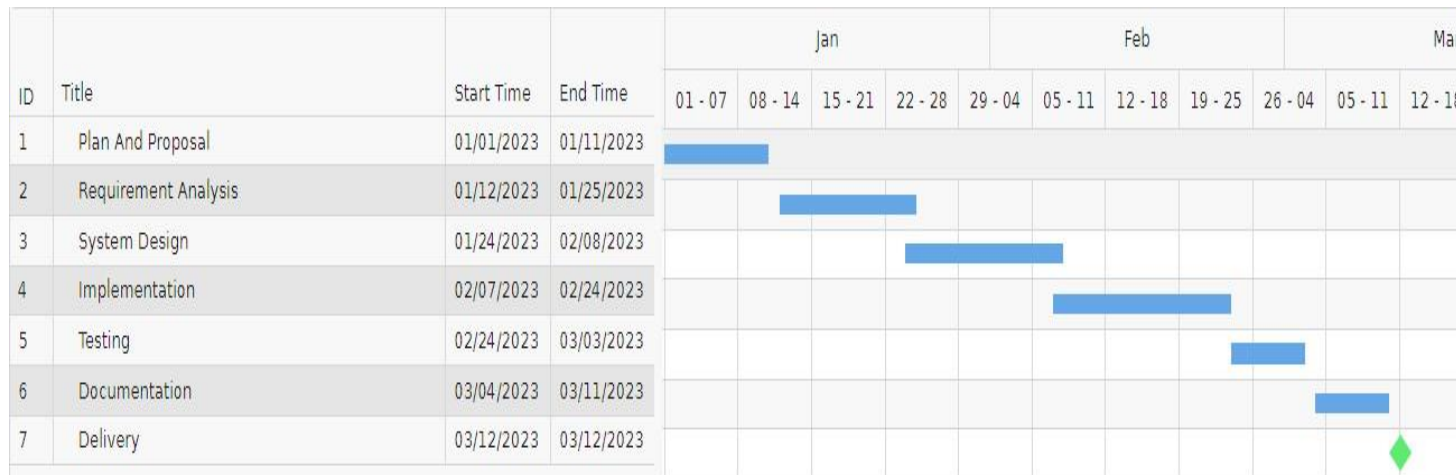
The goal of this project is to lessen the customer's inconvenience and give them a better shopping experience. And to bring more customers to the shop which might be challenging for the only physical location of the shop. There will be a product return policy and a money return policy. The aim of the system is to let people purchase products from the comfort of their own house.

Project Requirement

The project is being conducted for learning the basic and easy process of creating a web application with

1. HTML, CSS, and JavaScript for front-end development
2. SQL (such as MySQL or MSSQL Server) for database management
3. PHP, or Node.js or Python for back-end development.

Gantt Chart



Activities

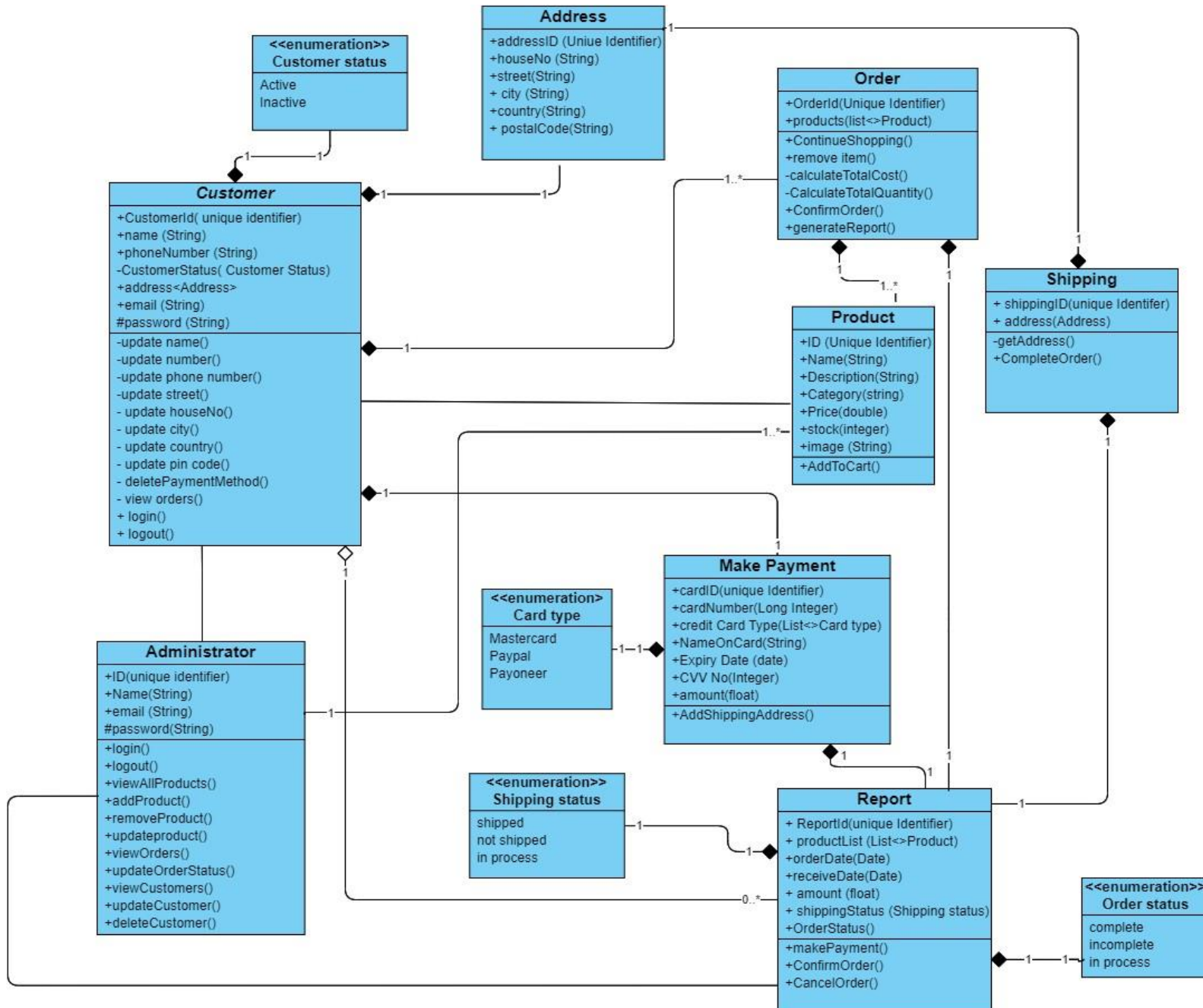
Customer Can

- Create Account in website
- Select Products
- Confirm Order or Cancel Order
- Online payment
- Get product from home

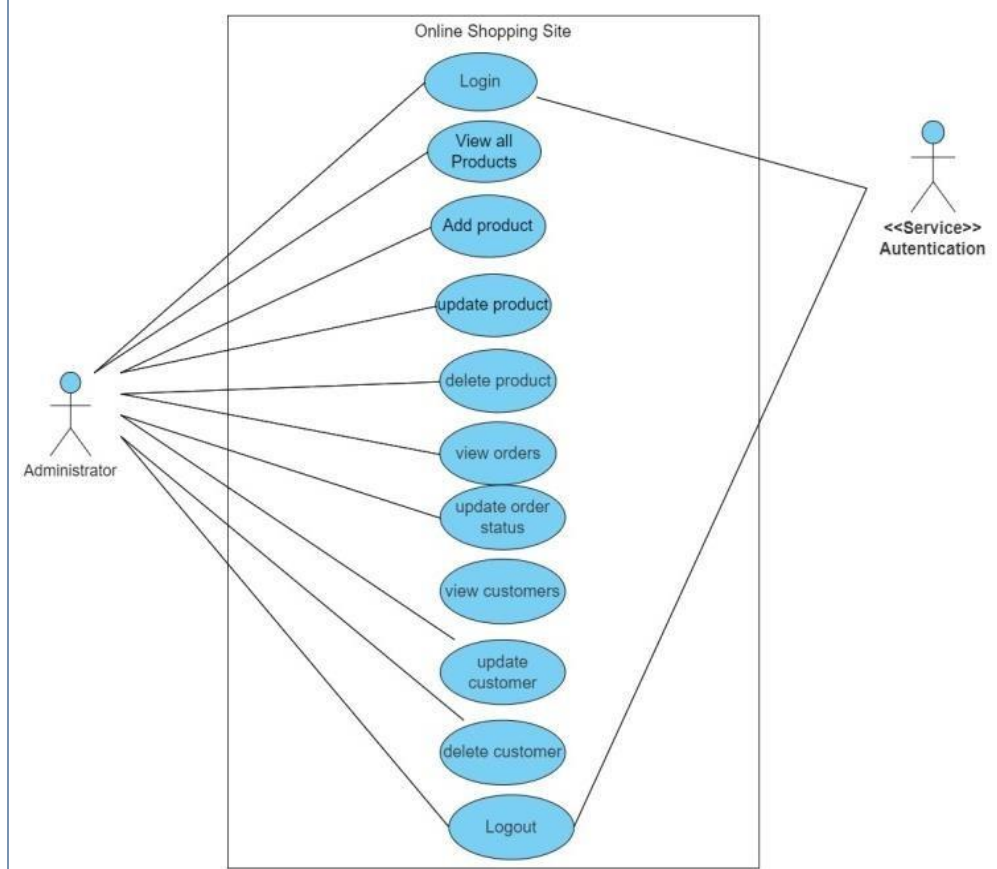
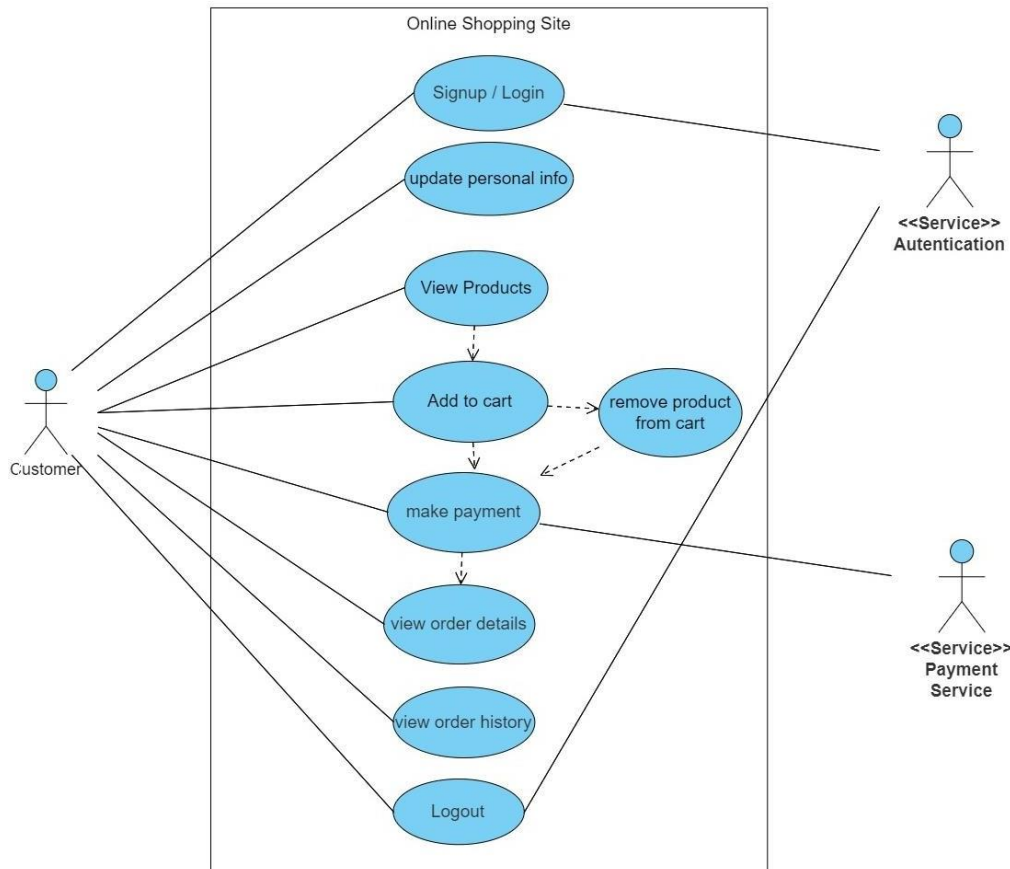
Administrator can

- Maintain Products
- Maintain Customers
- Maintain Orders

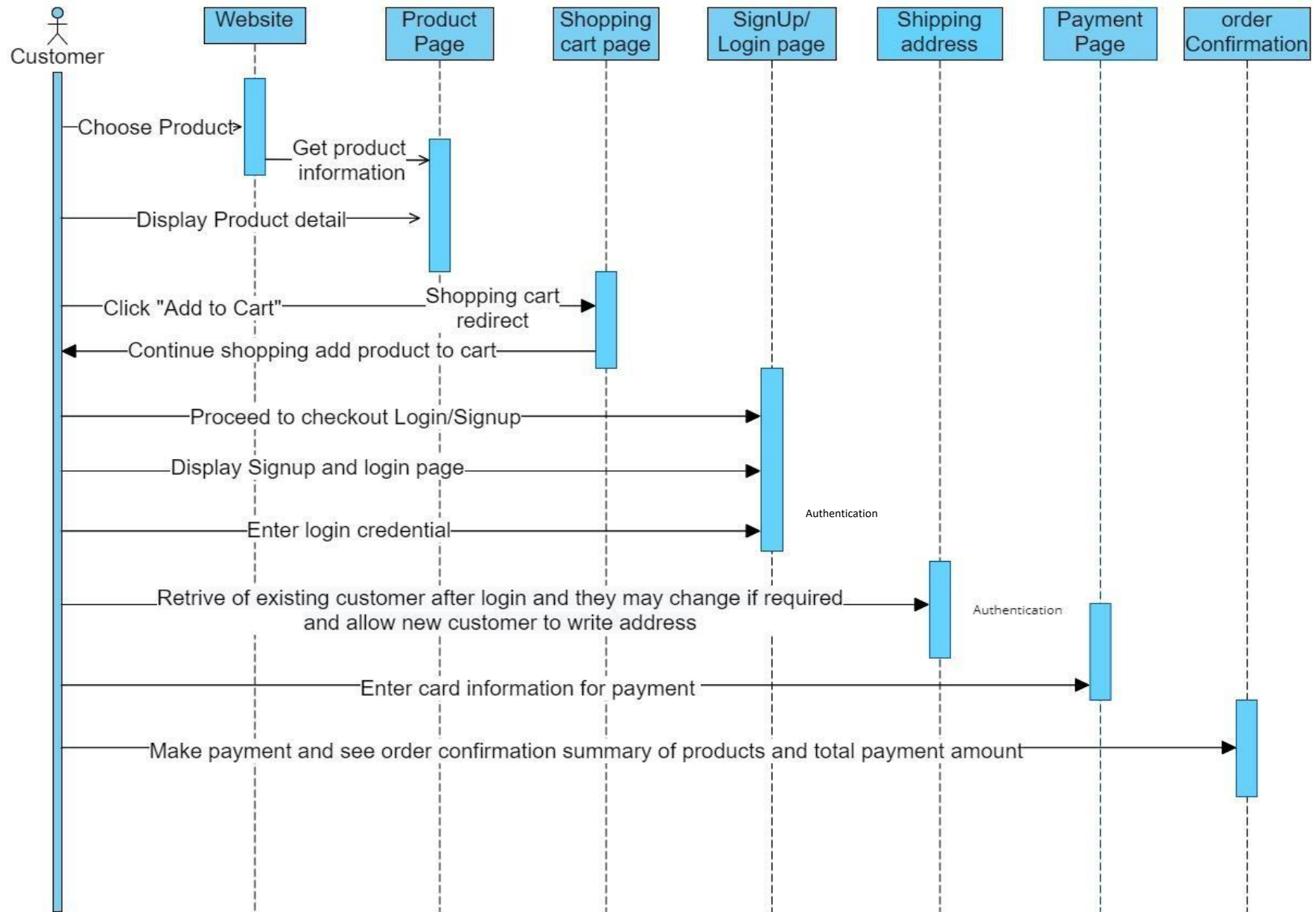
1. Class diagram



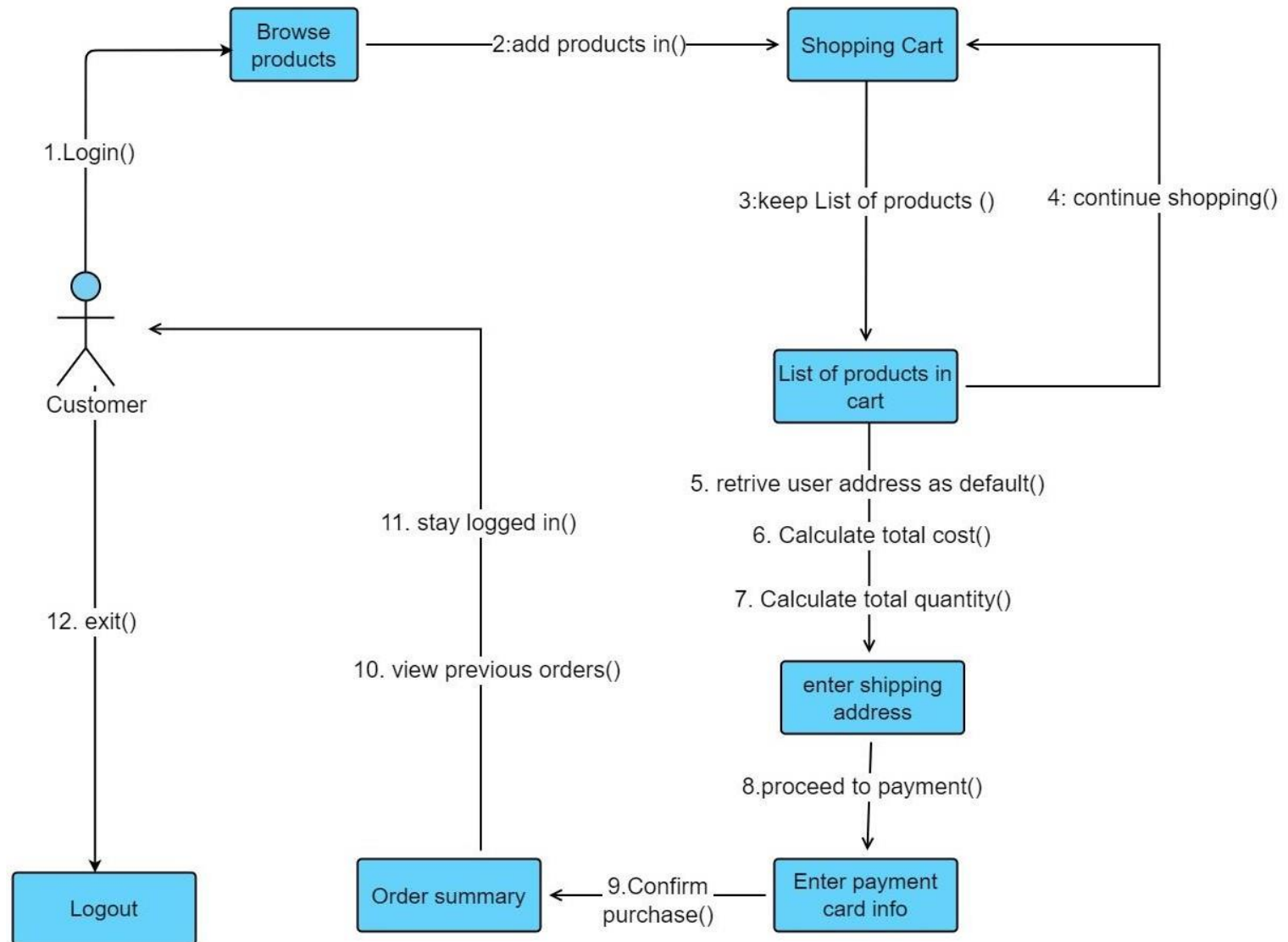
2. Use case Diagram



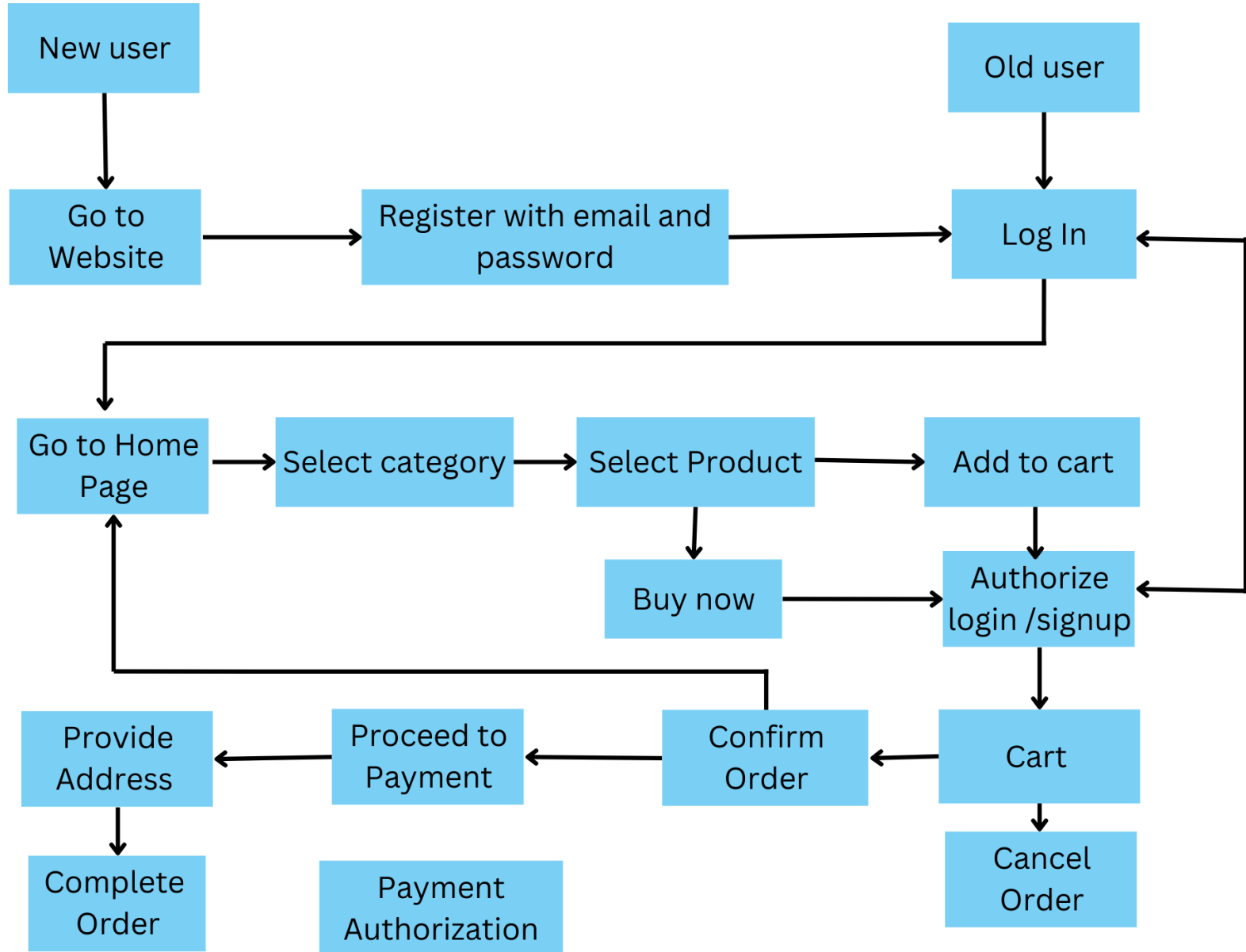
3. Sequence Diagram



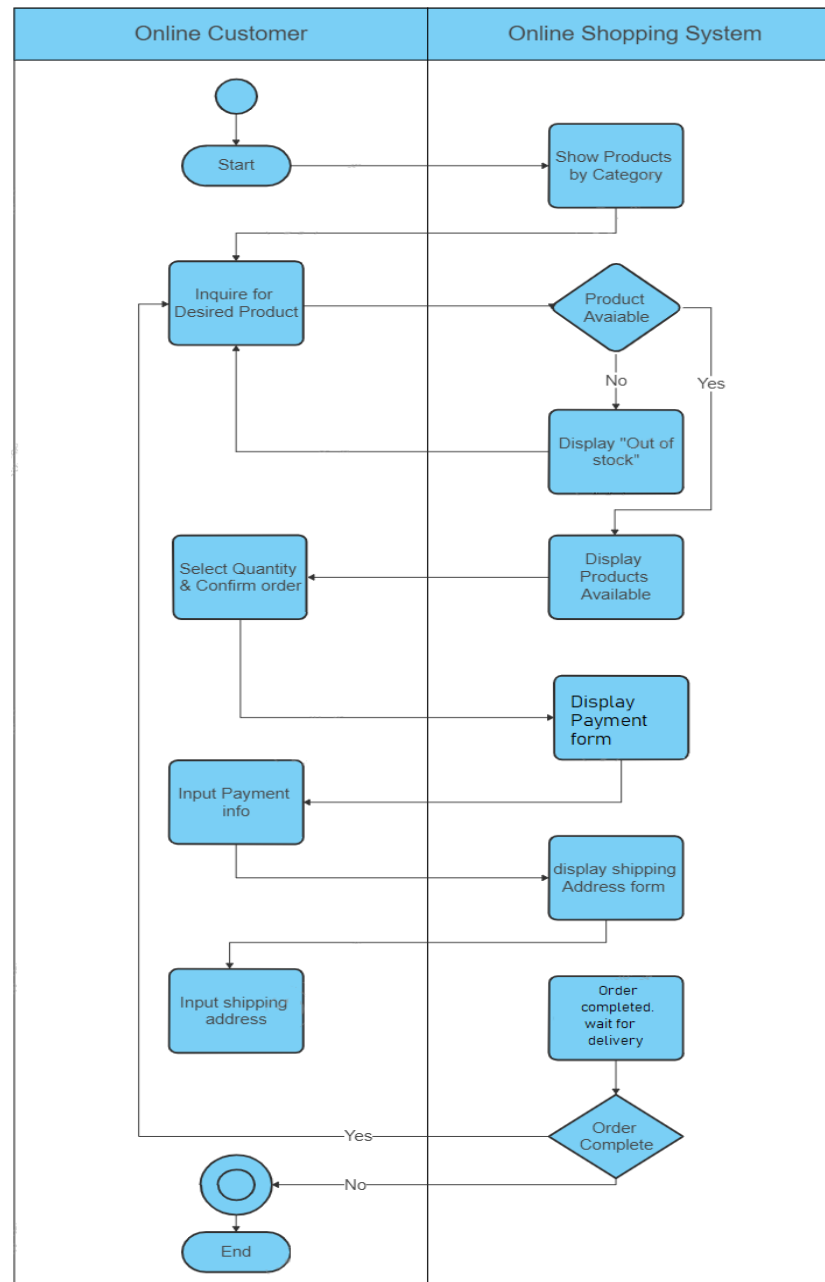
4. Collaboration Diagram



5. State Chart diagram

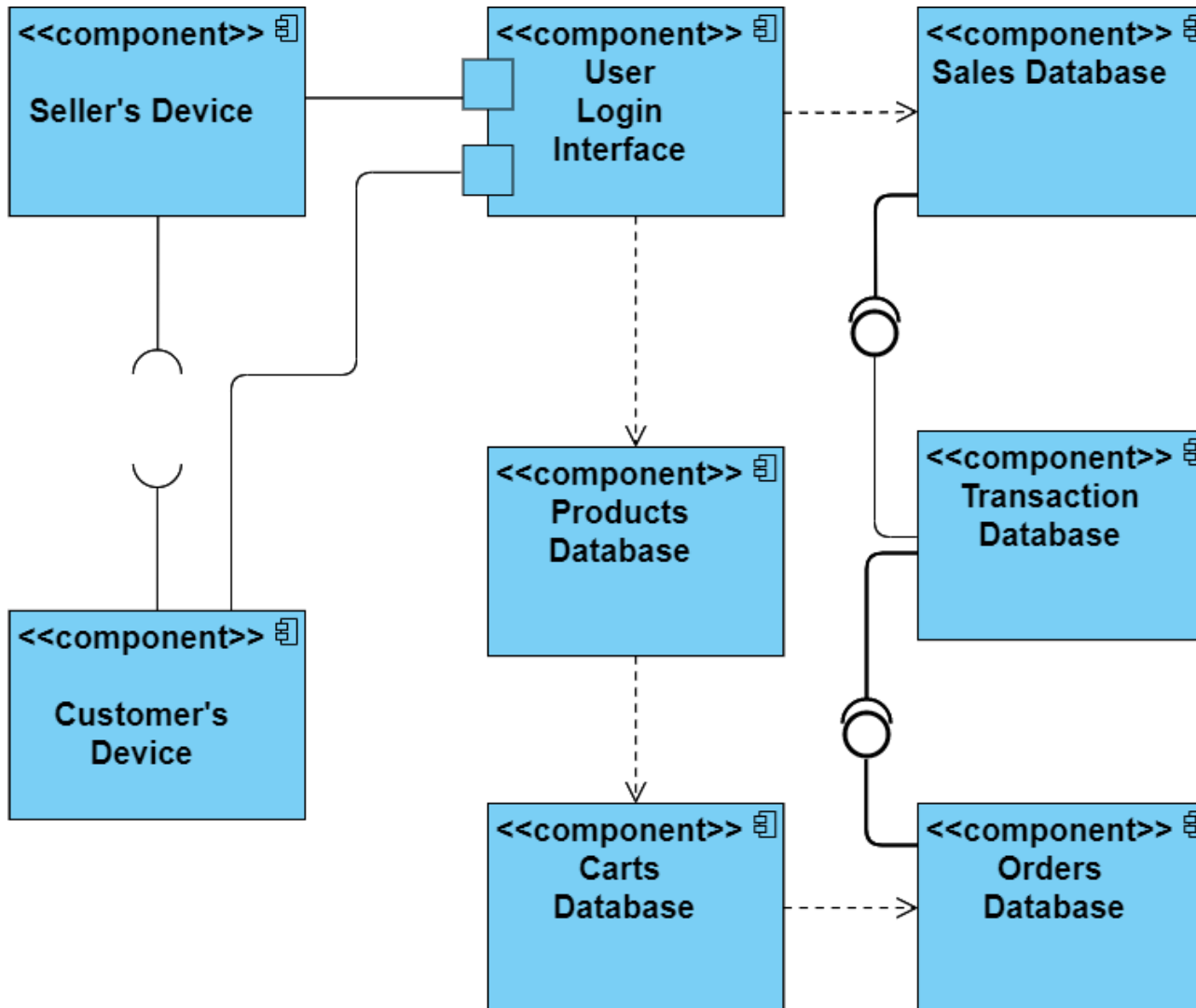


6. Activity Diagram



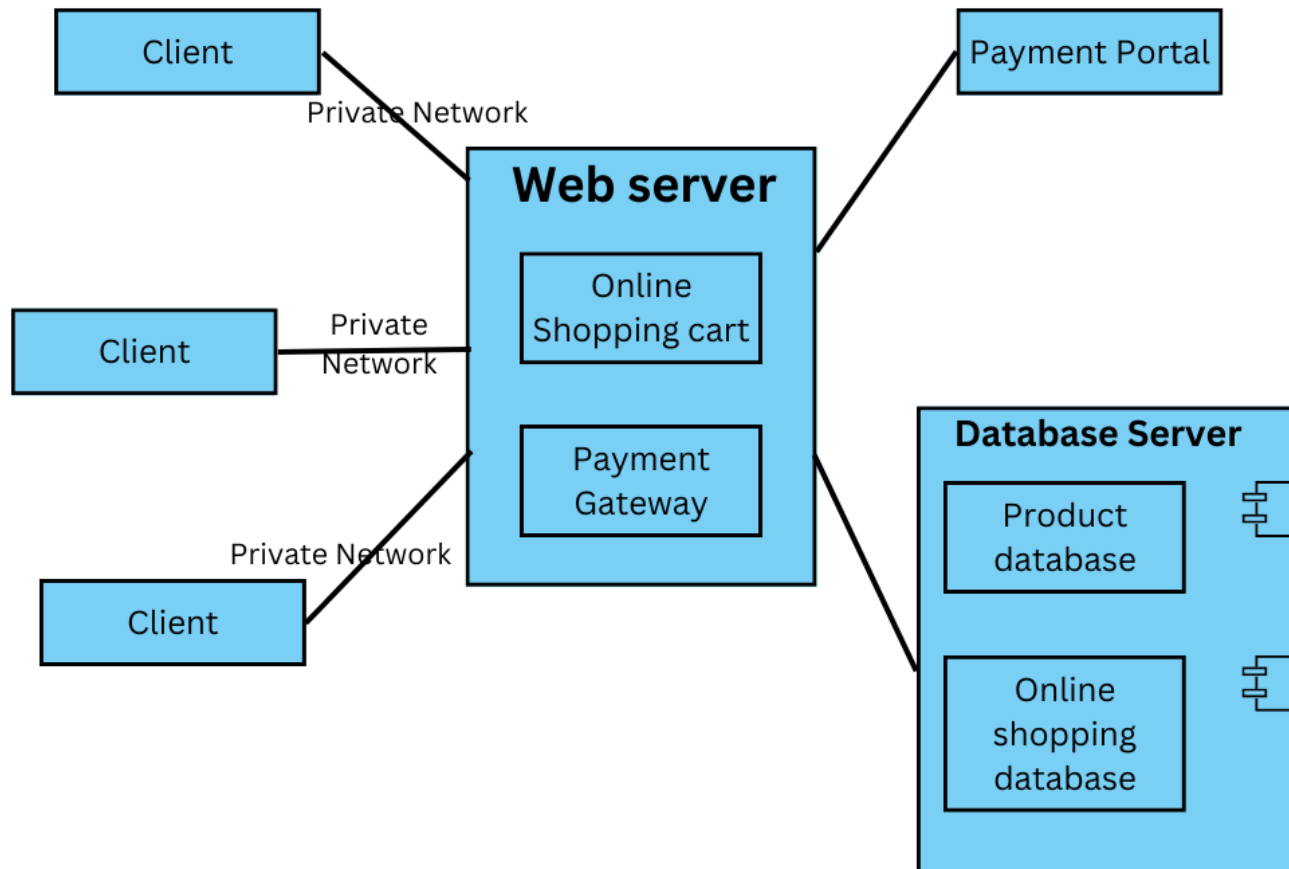
7. Component Diagram

This UML diagram describes the Physical components in a system



8. Deployment Diagram

This UML diagram describes the execution of Software and hardware are connected by middleware system.



Entity Relationship Model

