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ORDER NOW



# FLEEKY HUB

AN ORDERING WEBSITE AND MANAGEMENT  
SYSTEM FOR FLEEKY CURTAINS



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IT SOLUTIONS.



# Meet the Team



**Mr. Jojo F. Castillo, Adviser**

Executive Director  
Technical Services Director  
Administrative Support Services

Project Adviser



**Bryan Gel  
Fabellore**

Front and Back End  
Development



**Pallas Dale  
Fontiveros**

Support Back End  
Developer



**Neil Albert  
Garcia**

Documentations &  
Diagrams



**Gabriel Luis Antonio  
Perez**

Front End  
Developer



**Joshua Timothy  
Roxas**

Front End  
Developer

# Project Context

- What is our project?
- Who is it for?
- Why it is important?





# Client Background

## Fleeky Curtains

Established in 2021



Has a limited number of employees

Relies on Shopee's site when ordering a product

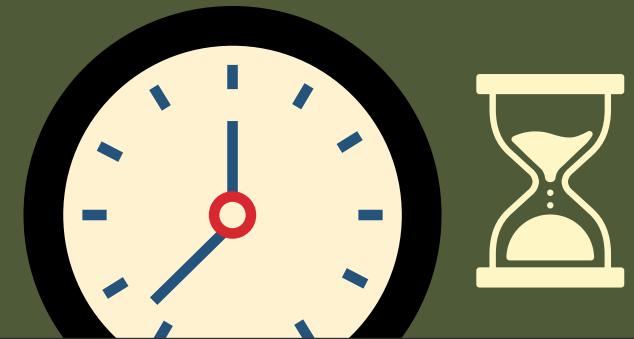
Employees manually records customer information, transactions, and order queue list

# Statement of the Problem



**1** Delayed response in handling customer inquiries about the product

**2** Staff have difficulties in catching up if there is a new or ongoing order.



**3** Takes too long to manually record the transaction and customer information



**4** Inconsistent recording of sales and transactions of customers





# Specific Objectives

**1 Reduce time consumed in handling customer inquiry by providing all the information at the site.**

**Provide an order management page that lists all the orders and its status of completion to assist the staff in fulfilling the customer's request/s in real time and avoid duplication of work.**

**2**

**3 Digitize the manual encoding of customer orders, information, sales, expenses.**

**Generate sales performance report monthly and product trend based on the sales data collected by the website.**

**4**

# Significance of the Project



Admin



Staff



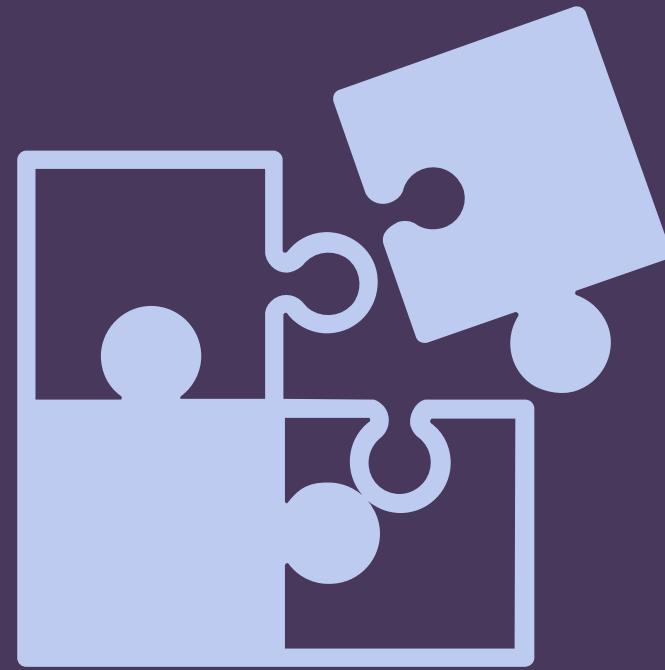
Future Researchers



Developers

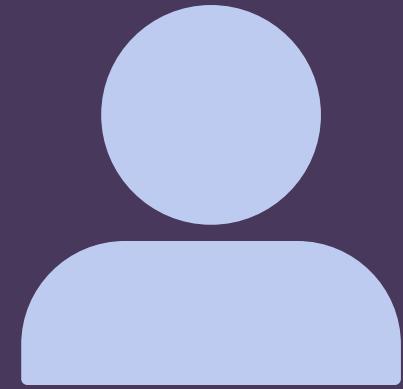
# Scope and Limitations

## SCOPE



Existing client problem  
or issue

## LIMITATIONS

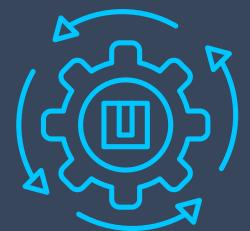


Single client context



Financial limitation

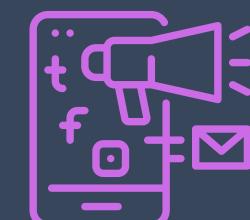
# Review of Related Literature / Systems



E-commerce in the **digital world**:  
Present in the visual channels



The Impact of **Digital** Transformation on  
Strategic Business Management



**Marketing** technology for adoption by  
small business



# Technical Background

The Django framework is an open source that is used to develop a website using Python while the data storage, the group will be using the Structured Query Language (SQL) for login information, creating an order report, adding and storing products in the website that will be needed for the website.

Category	Description
Hardware	Tablet or any personal computer
Software	Any website supported browsers
Peopleware	Has any knowledge in ordering from an e-commerce site
Network	Any network that has internet connection



# Proposed Solution

- Ordering System for Customers
- Order Management for Employees
- Inventory Management for Employees
- Sales Report and Trend Analysis for Admin

# Diagrams

Context, DFD, ERD, Activity, Object, Class, Sequence,  
Event Table, Use Case Diagram

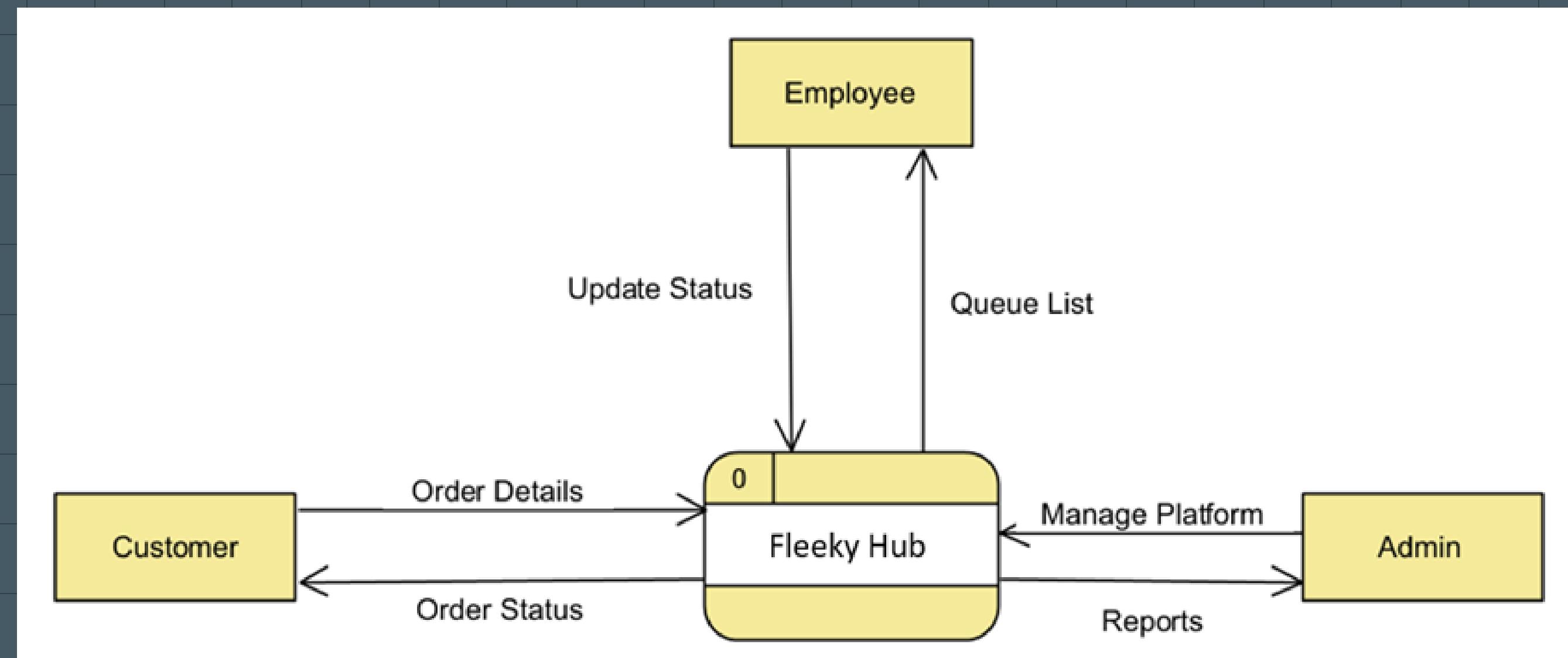


# Event Table

EVENT	TRIGGER	SOURCE	USE CASE	RESPONSE	DESTINATION
1. Users creates account	Login Page	Customer Admin	Manage Account	New account created. Login successful Login failed	Customer Admin
2. User wants to inquire products	Home Page	Customer	View products	Display all products. Display item details. Display product catalogue.	Customer
3. User wants to see order status	Track order	Customer Employees	Manage Orders	Update order status, order history Display status. Display	Customer Employees
4. Admin wants to manage website	Admin Center	Admin	Manage Admin Panel	Display Add/Remove Stocks Add/Remove Products Manage Employee Privileges	Admin
5. Admin wants to see business performance	Business Performance	Admin	Manage Business Performance	View Business Analytics	Admin



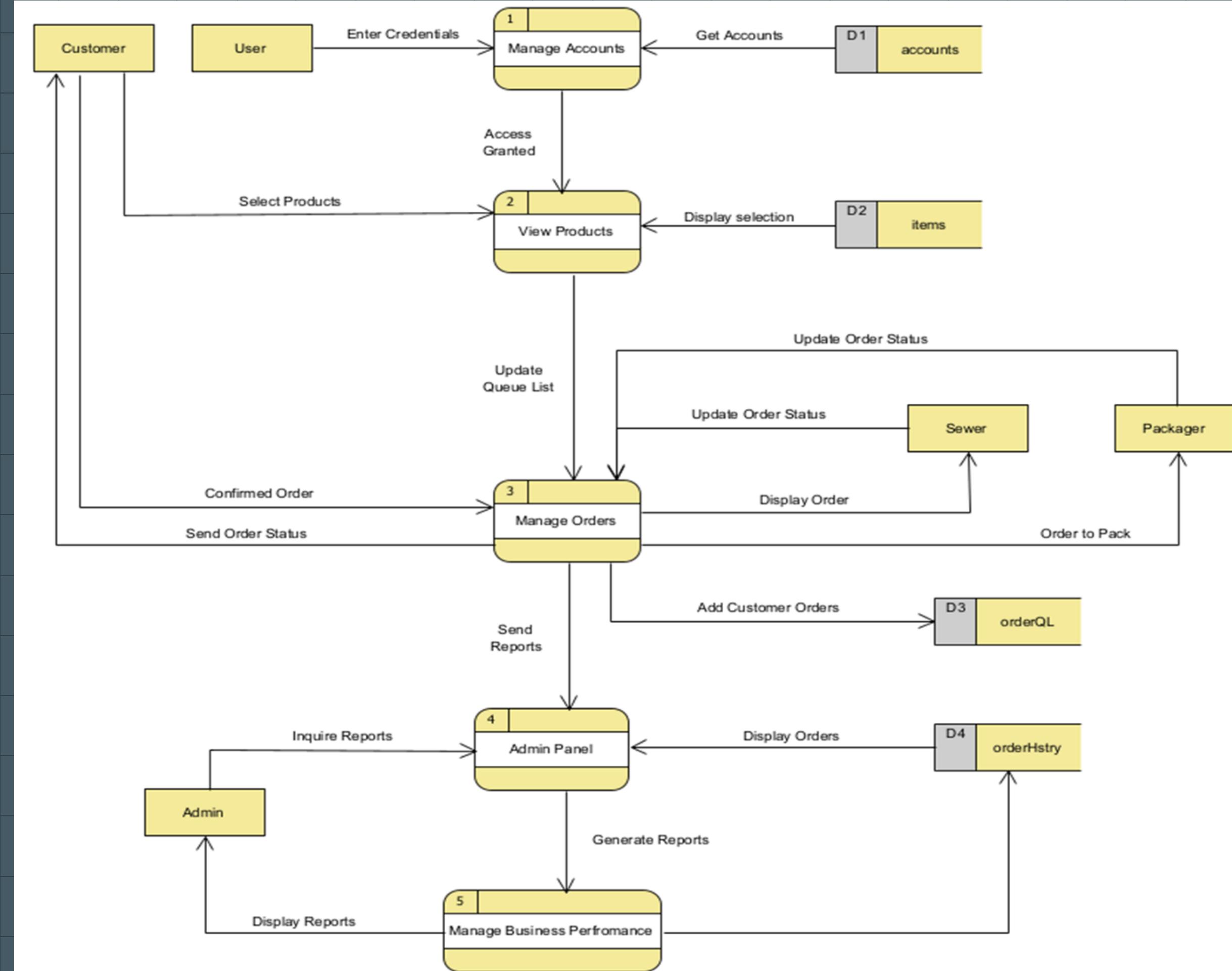
# Context Diagram



Level 0 Fleeky Hub

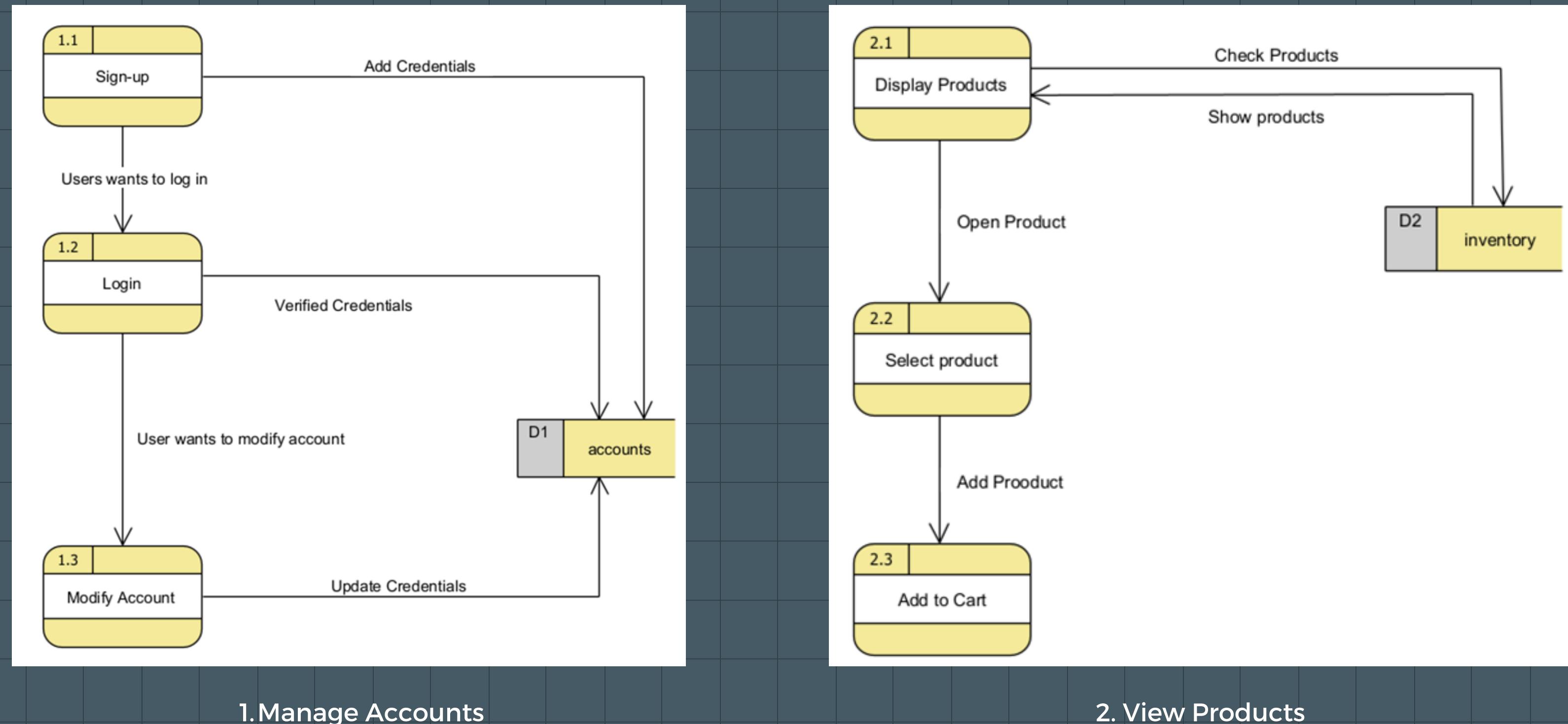
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# Data Flow Diagram

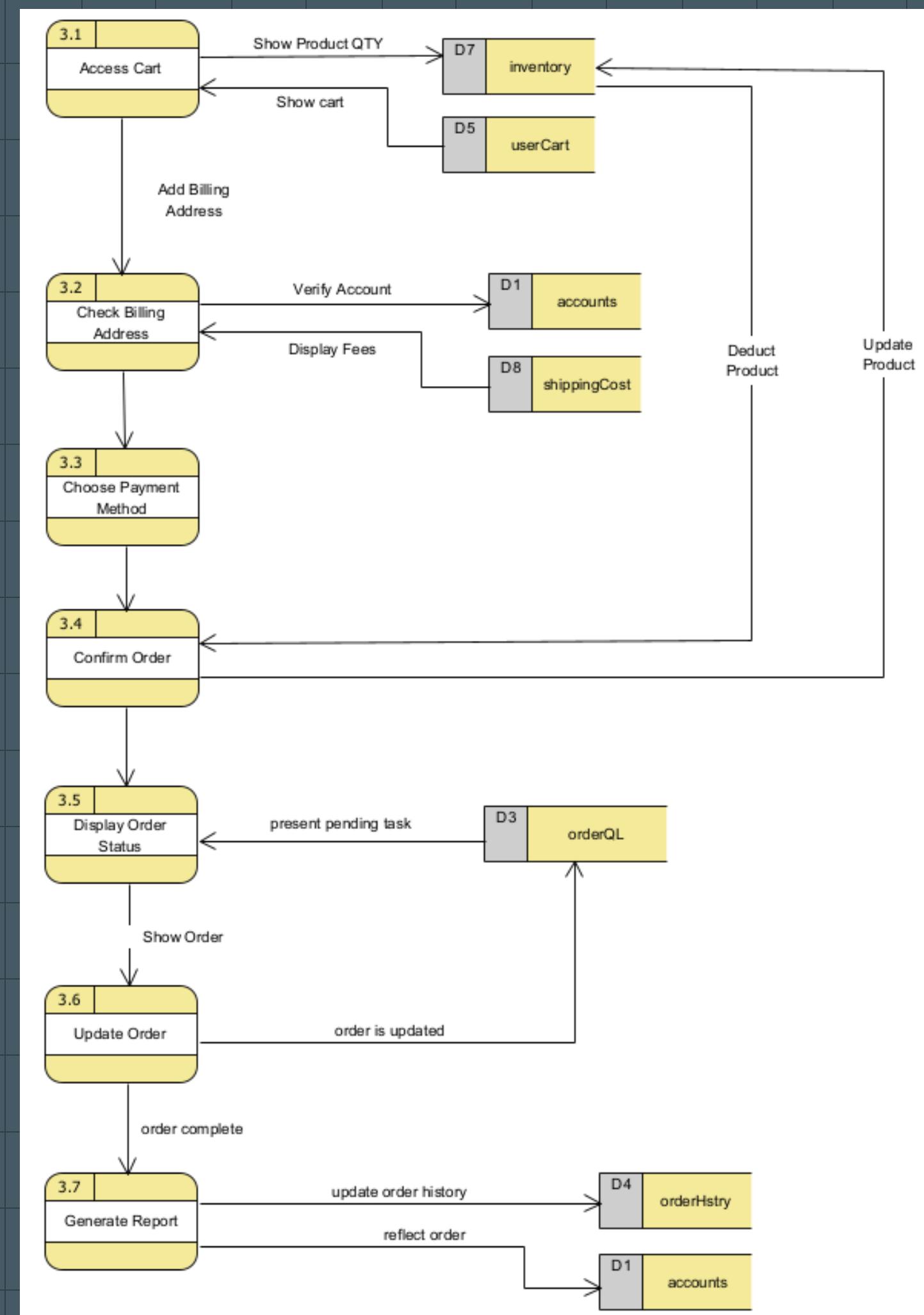


Level 1 Fleeky Hub

# Data Flow Diagram

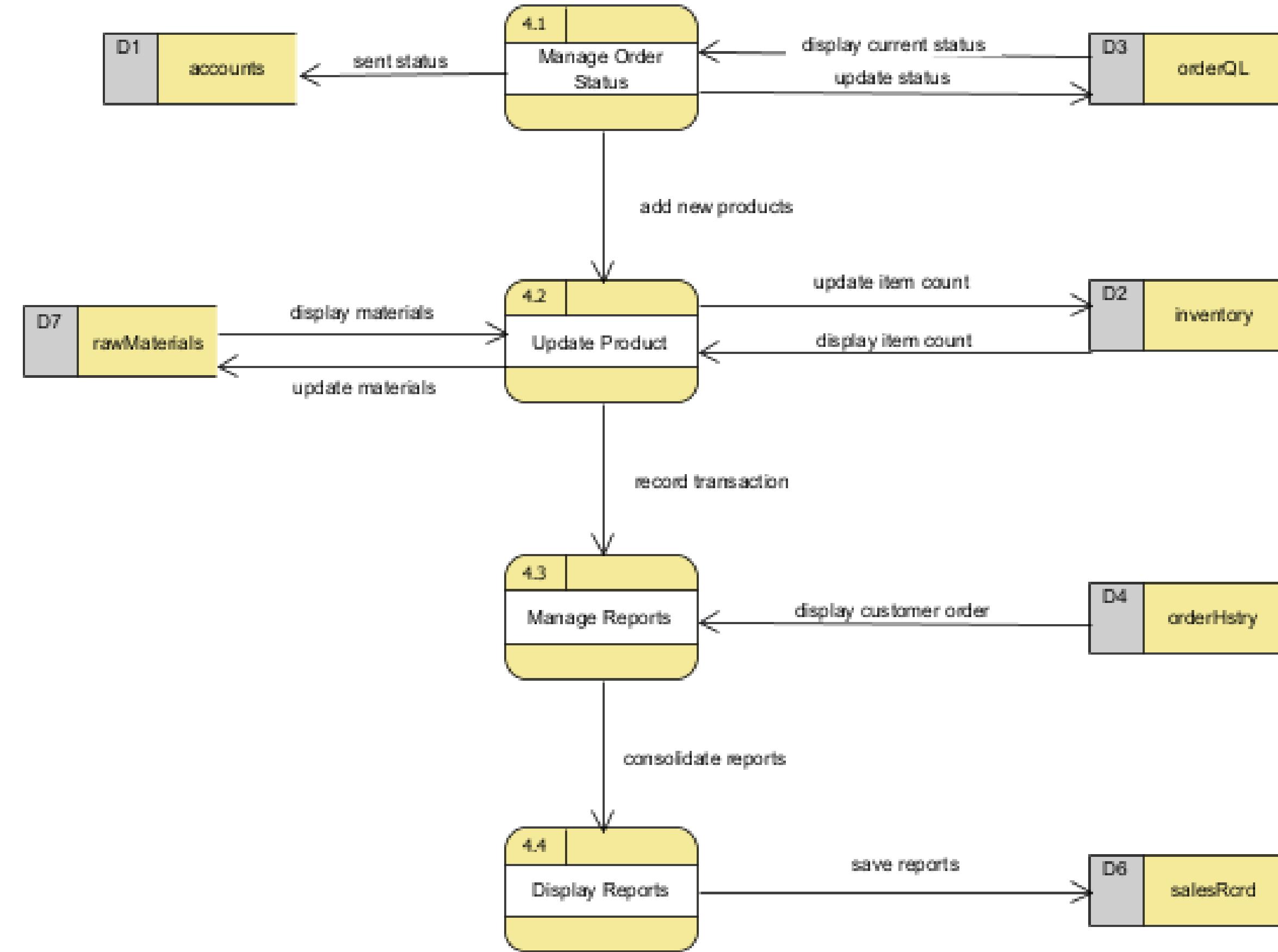


# Data Flow Diagram



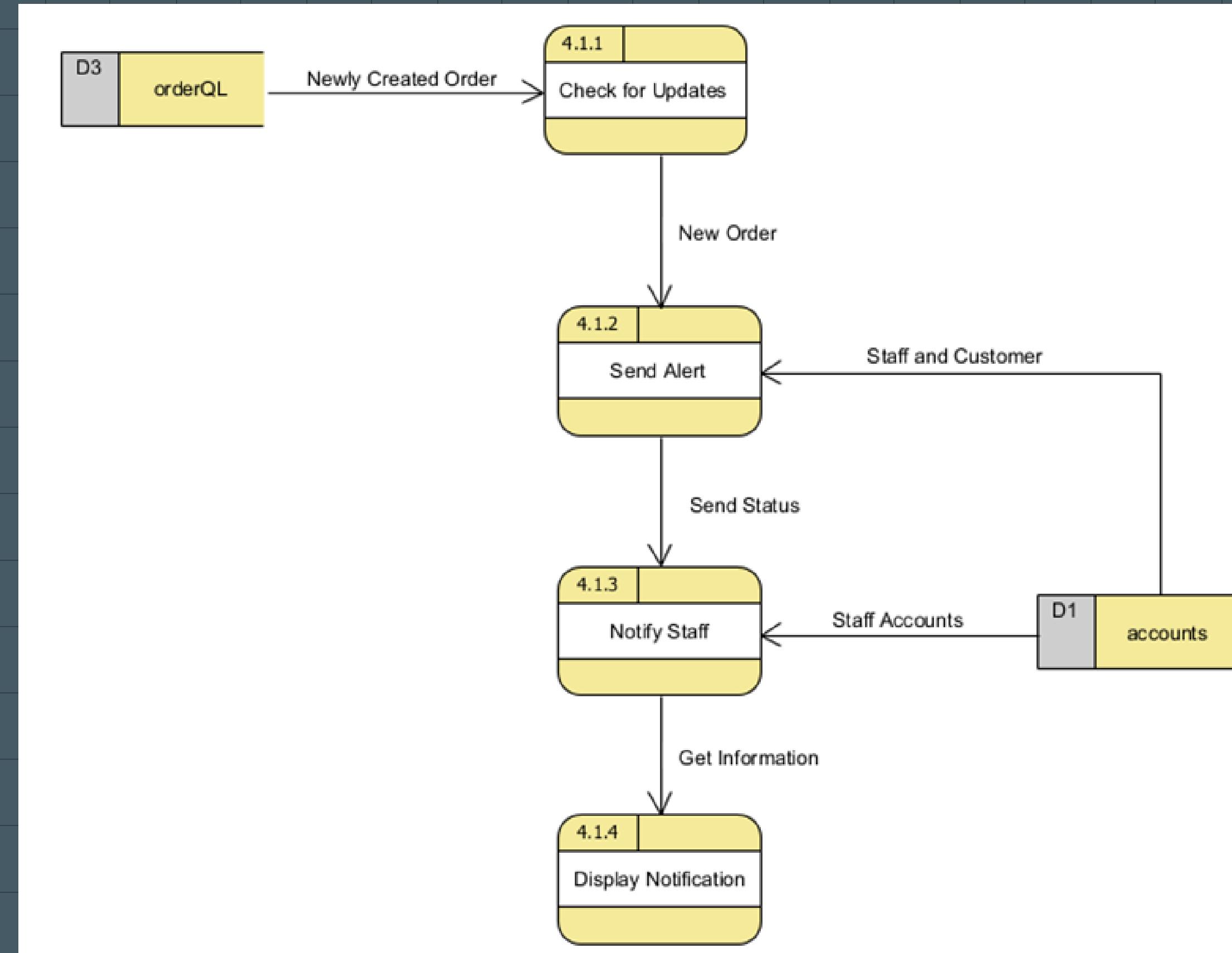
3. Manage Orders

# Data Flow Diagram



4. Manage Admin Panel for Orders

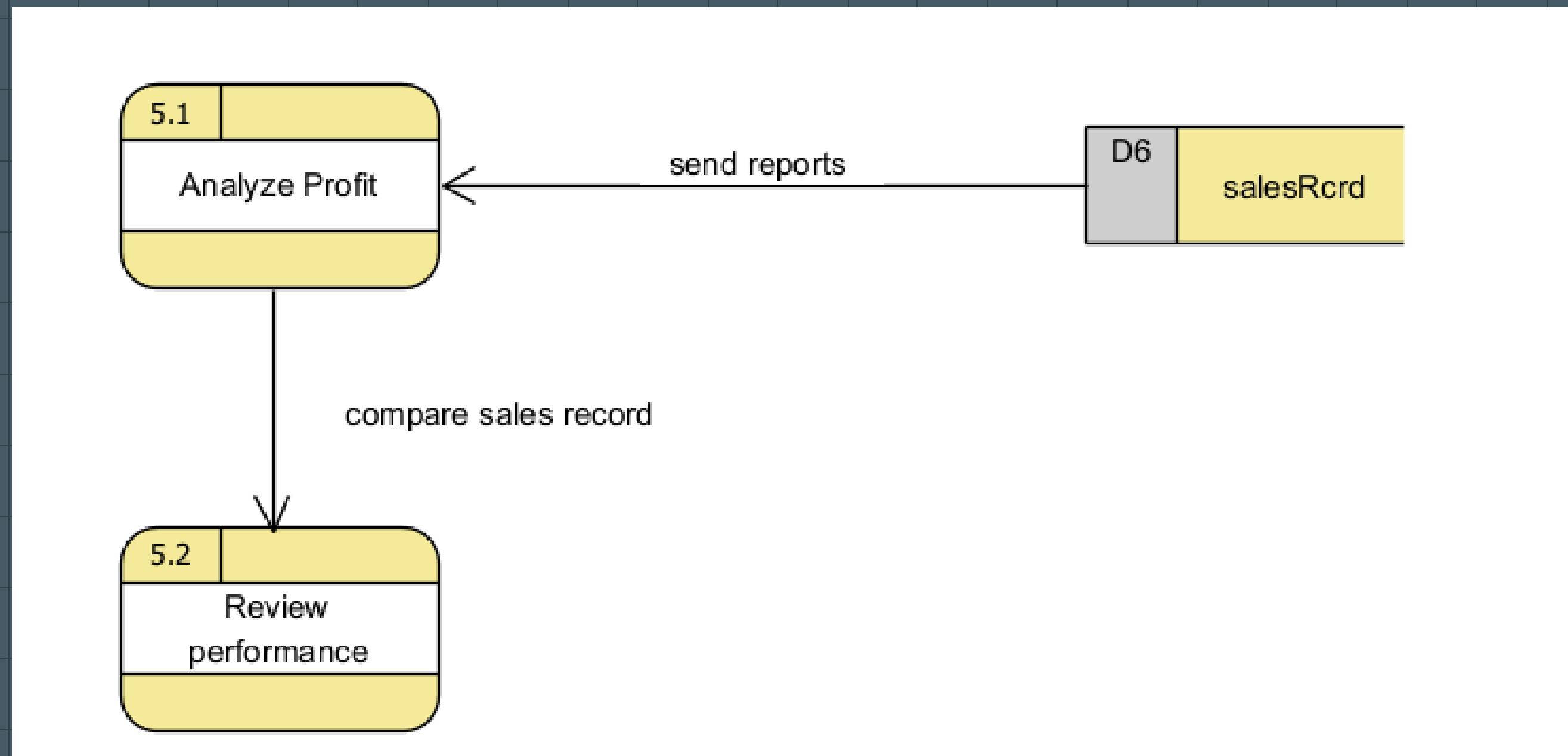
# Data Flow Diagram



4. Level 2 Admin Panel for Orders

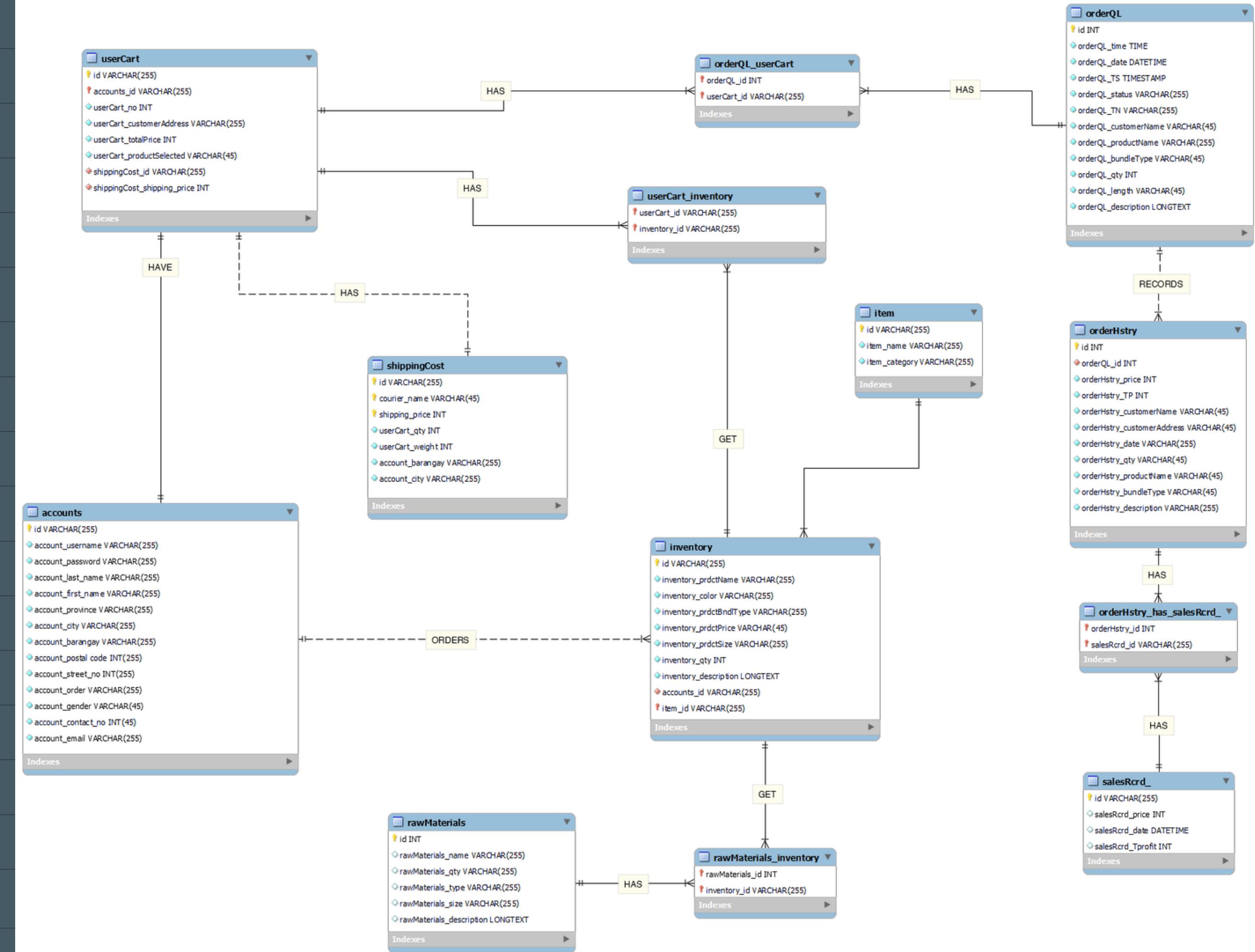


# Data Flow Diagram



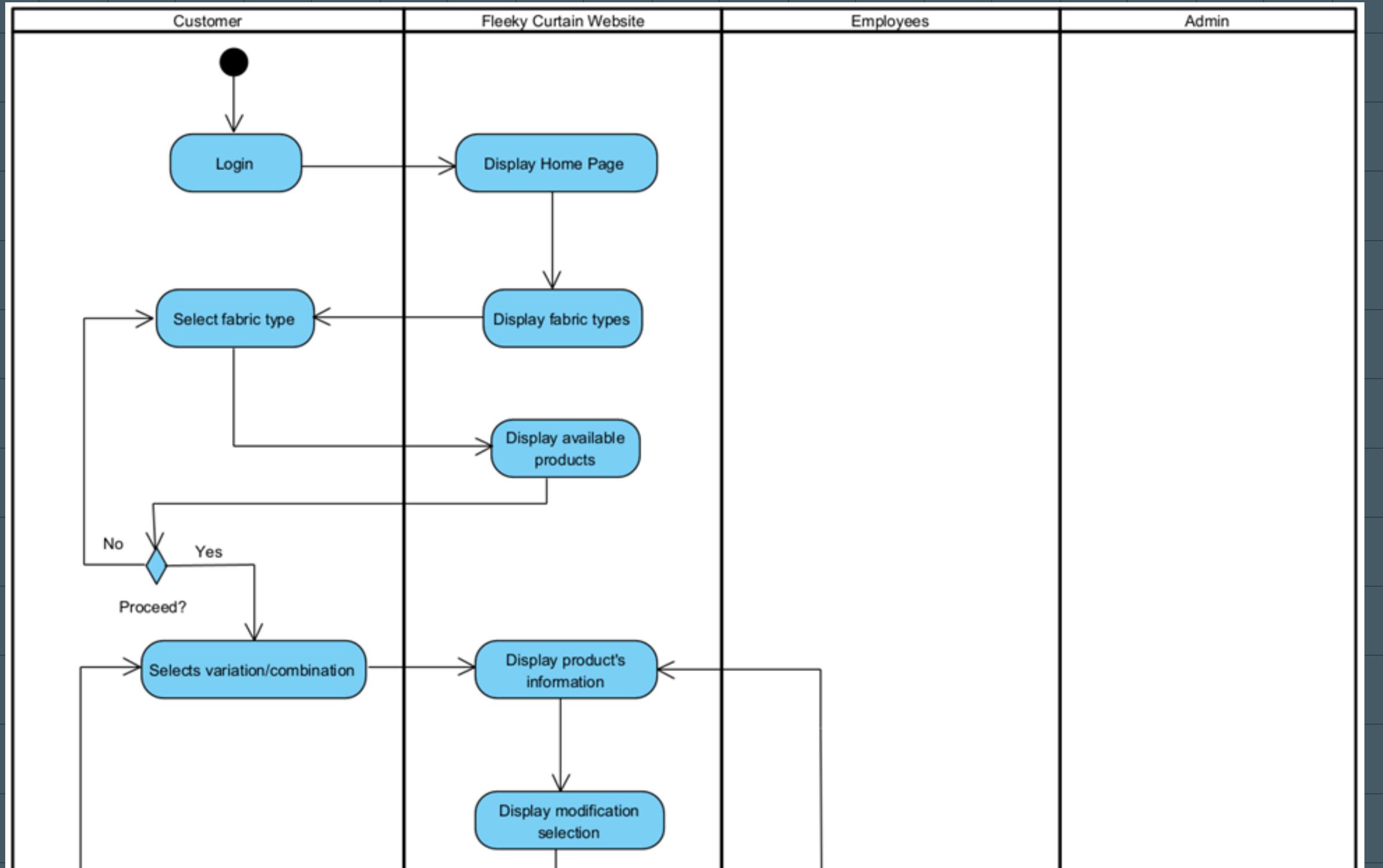
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# ERD (Entity Relationship Diagram)



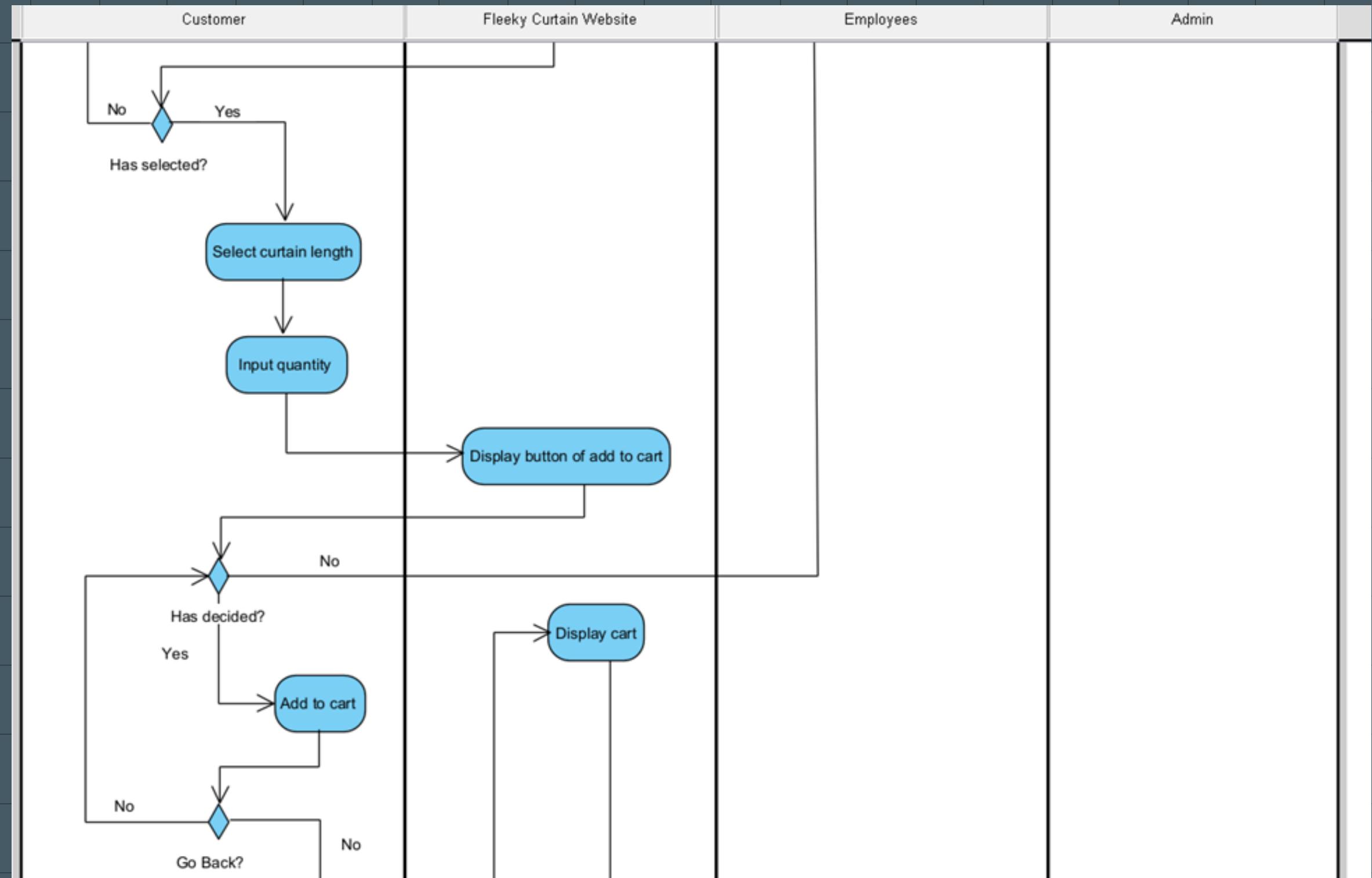


# Activity Diagram



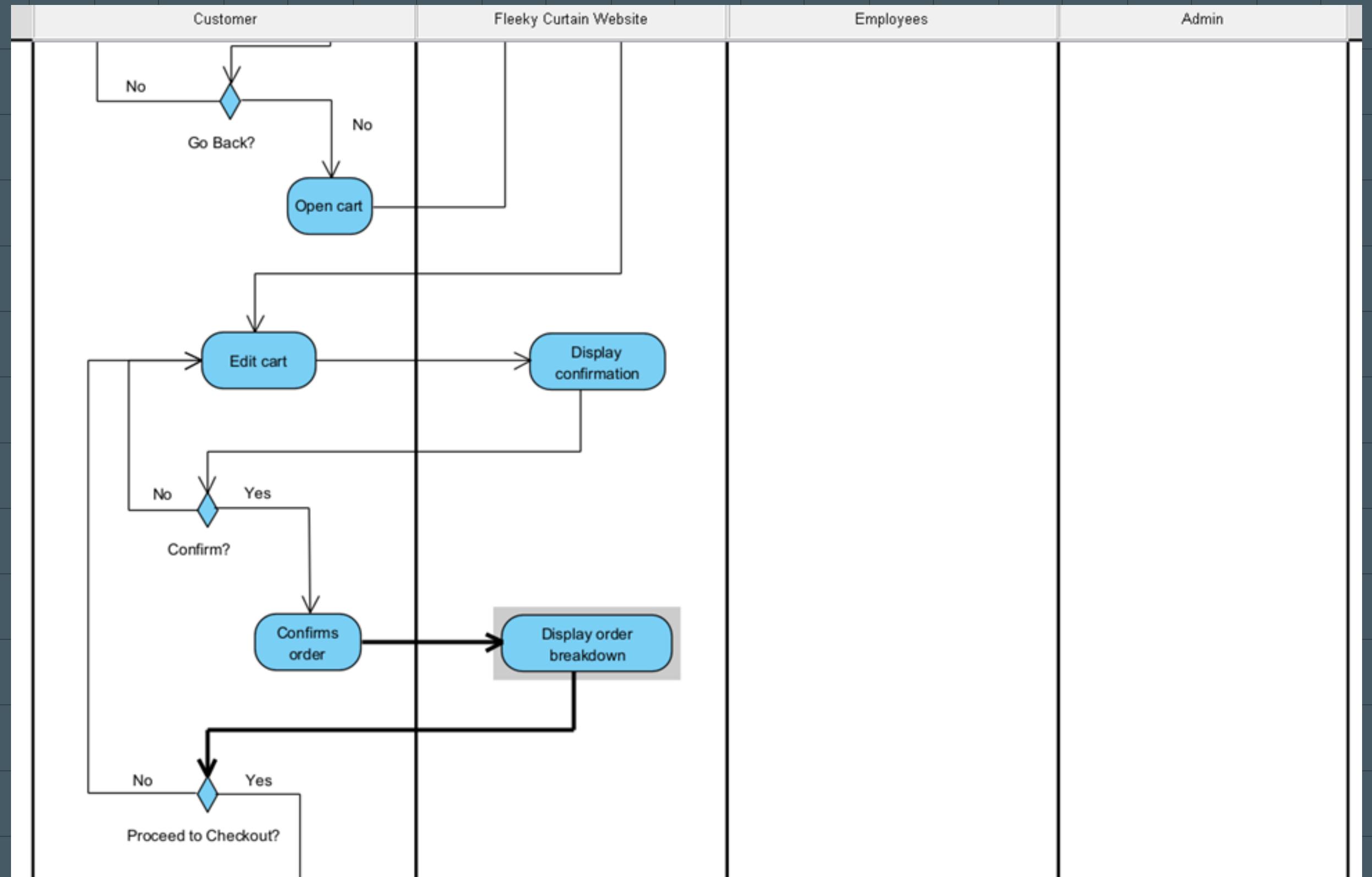


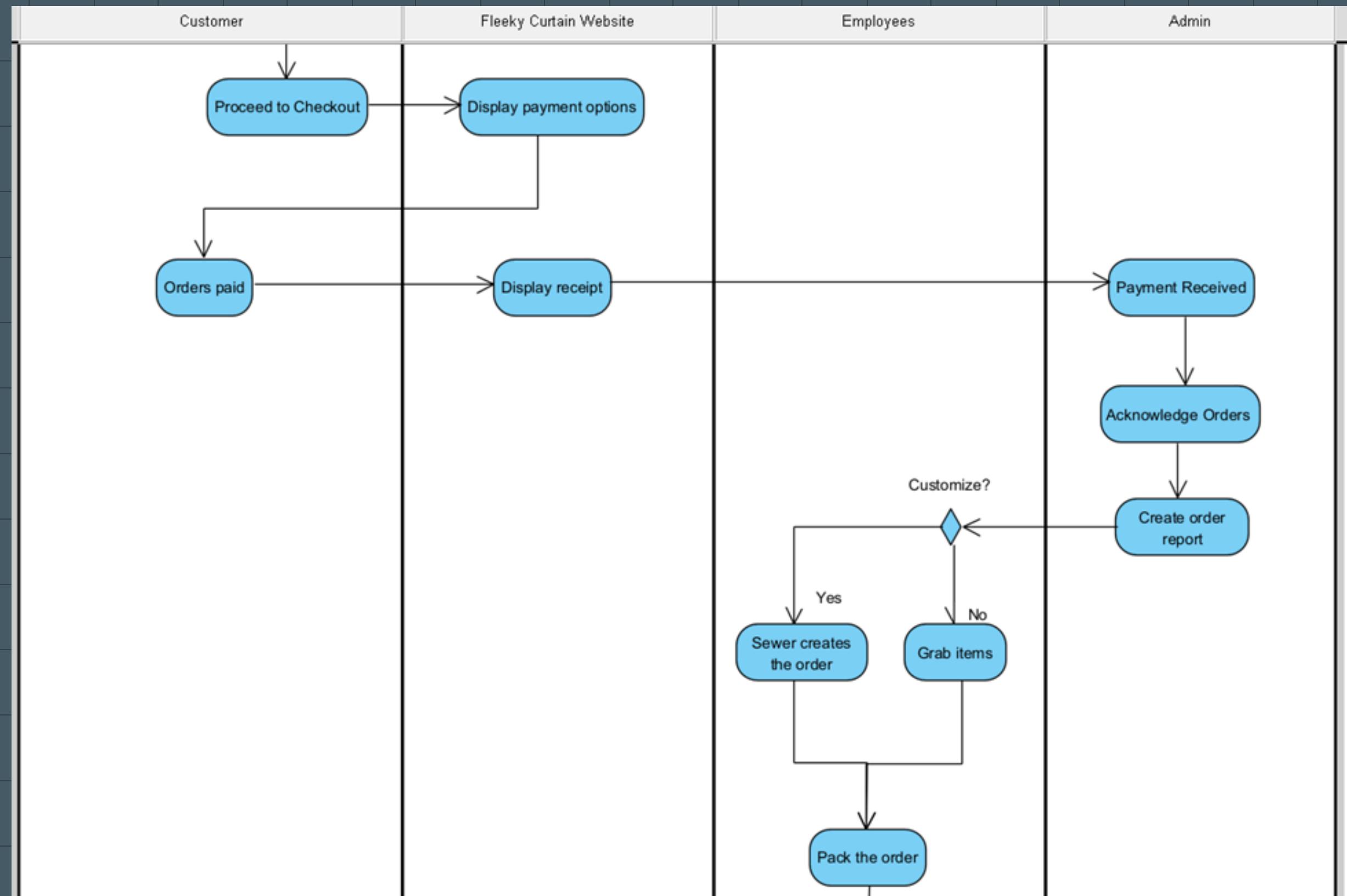
# Activity Diagram



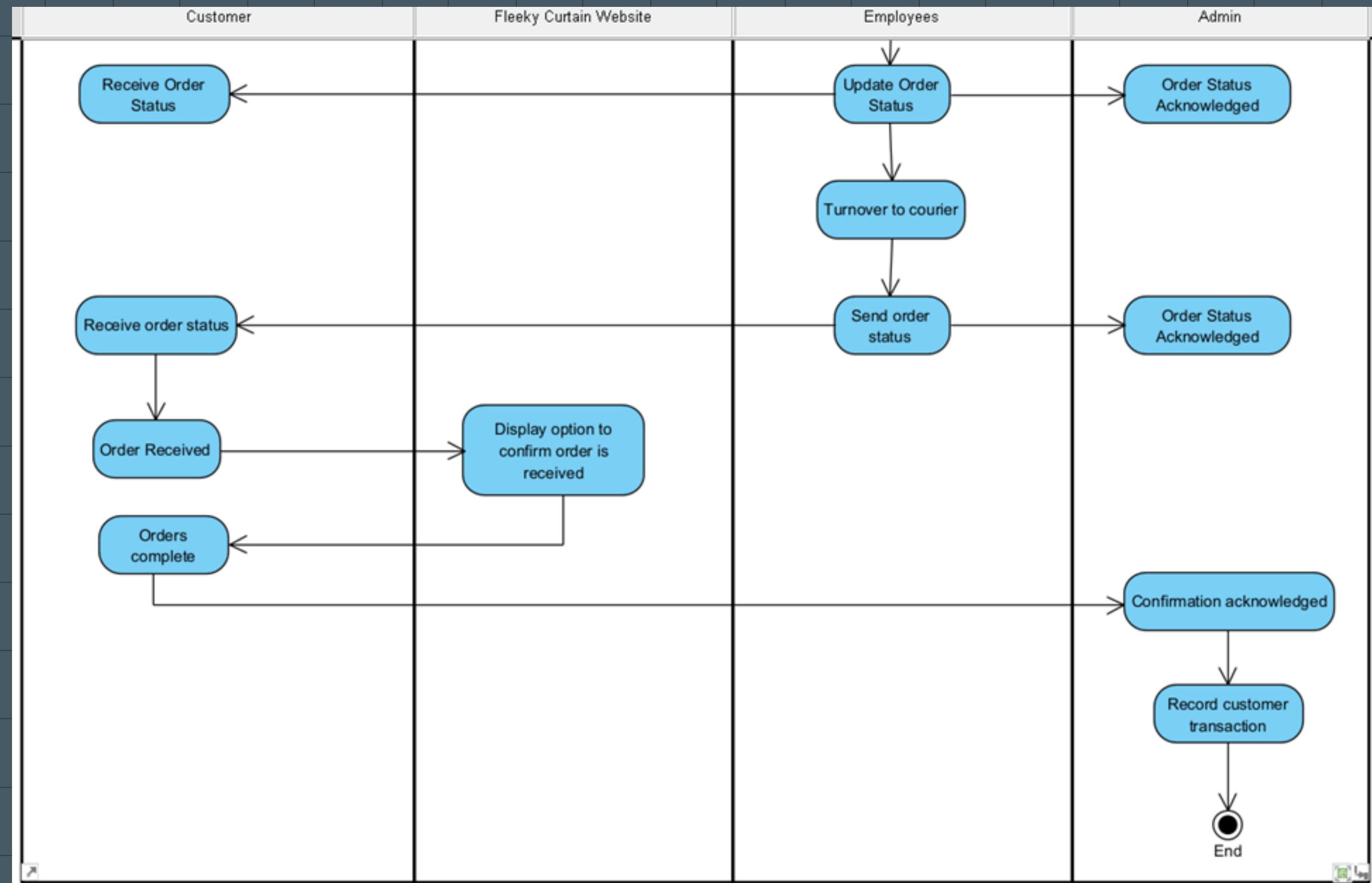


# Activity Diagram



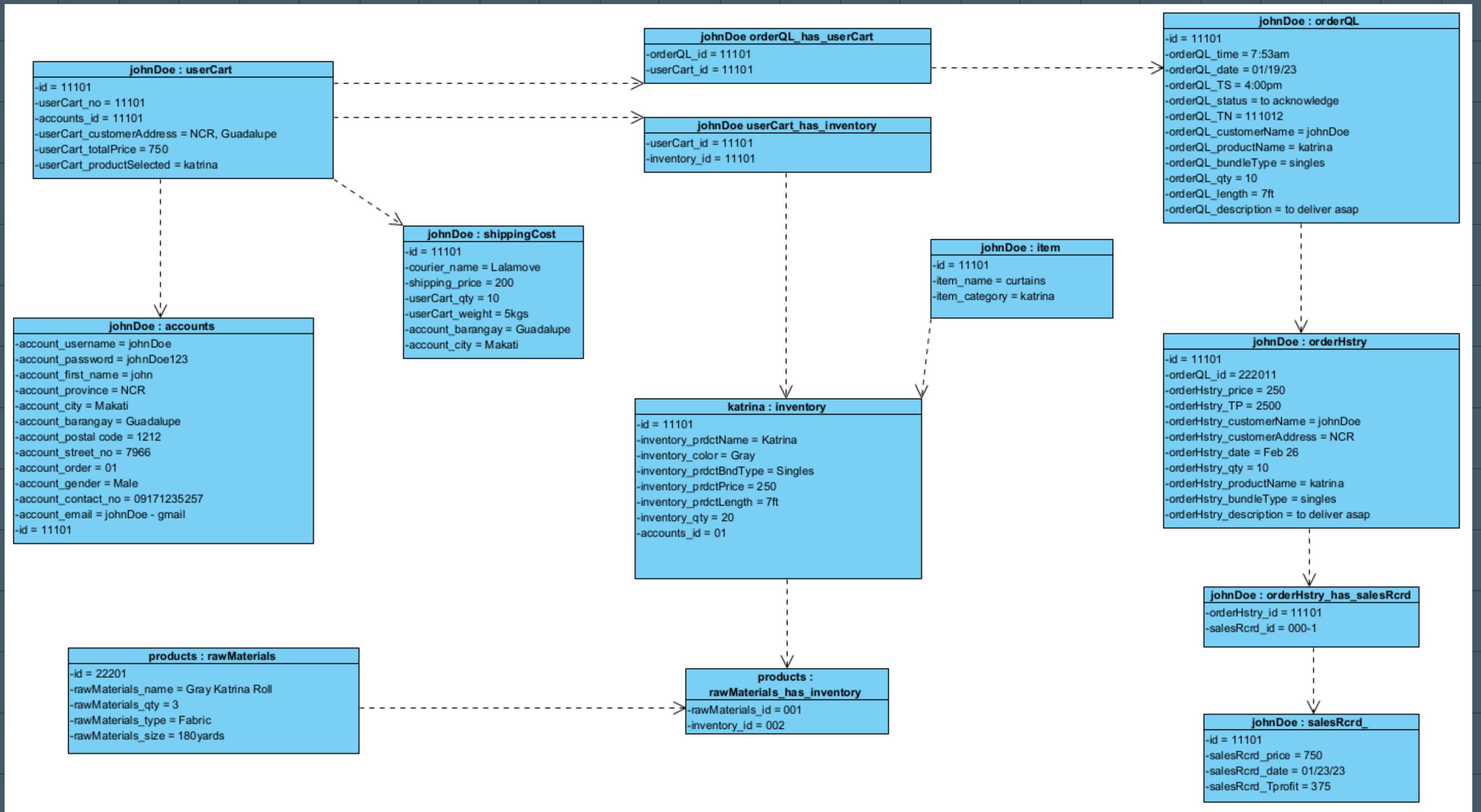


# Activity Diagram

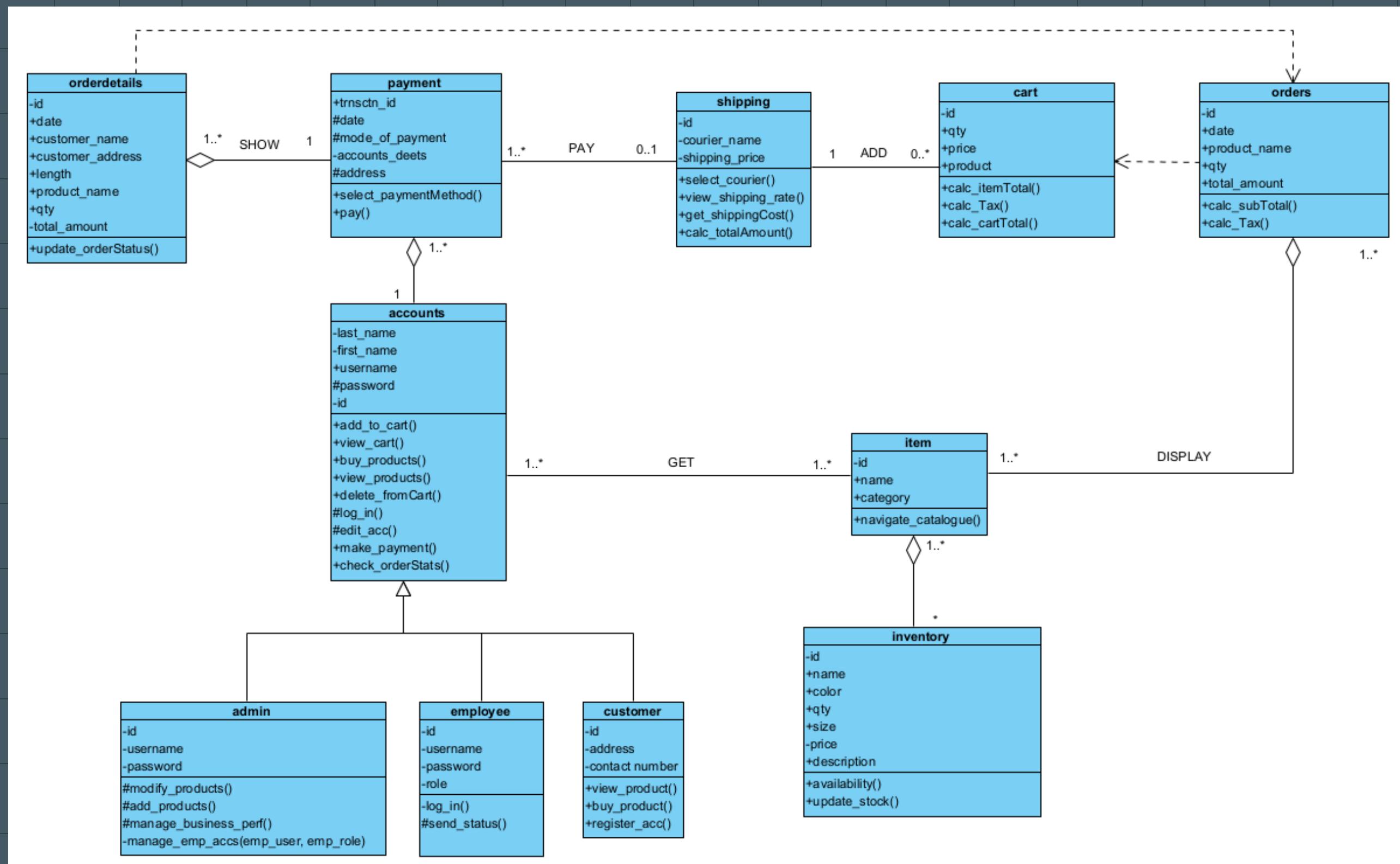


# Activity Diagram

# Object Diagram



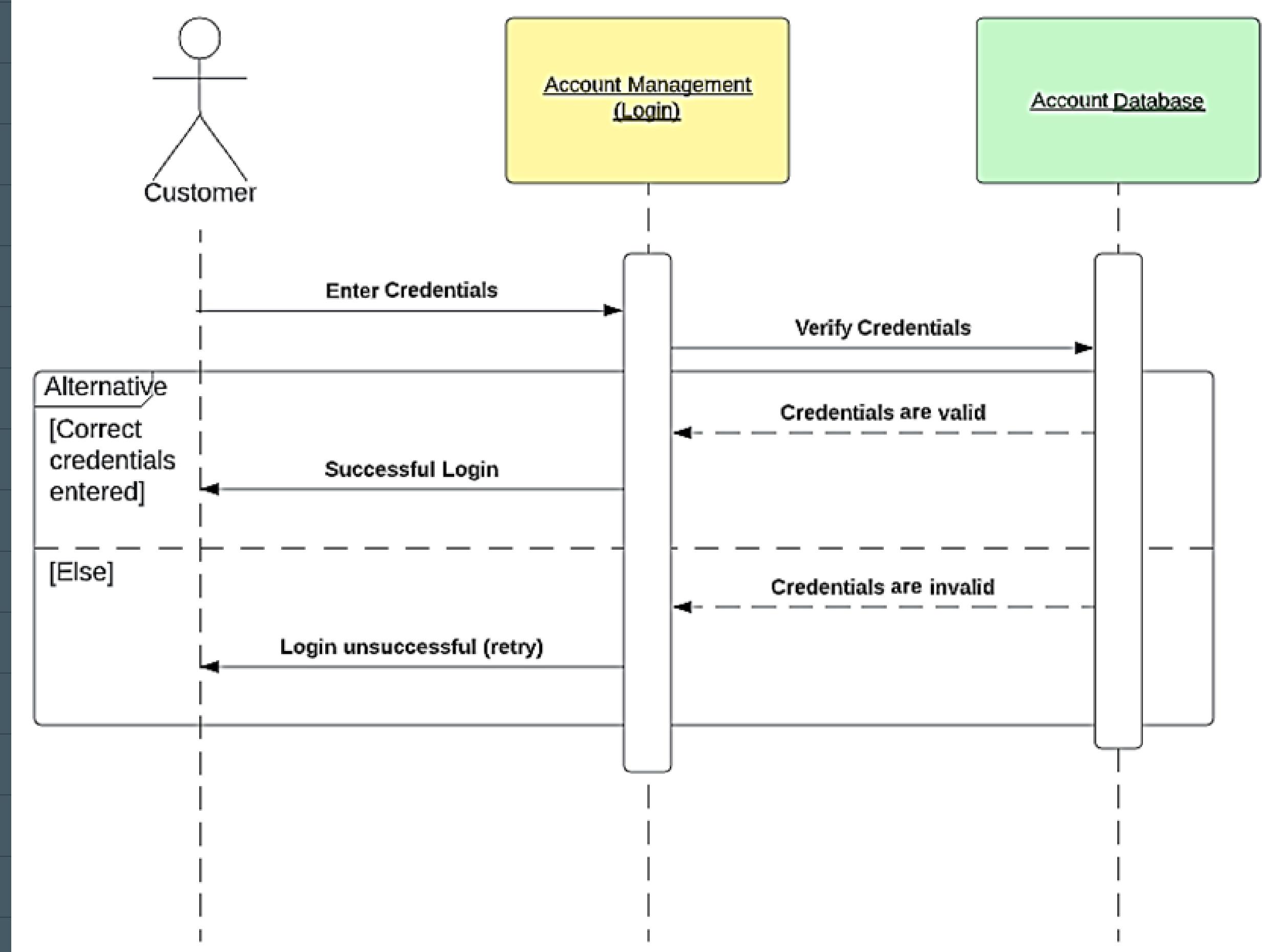
# Class Diagram



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# Sequence Diagram

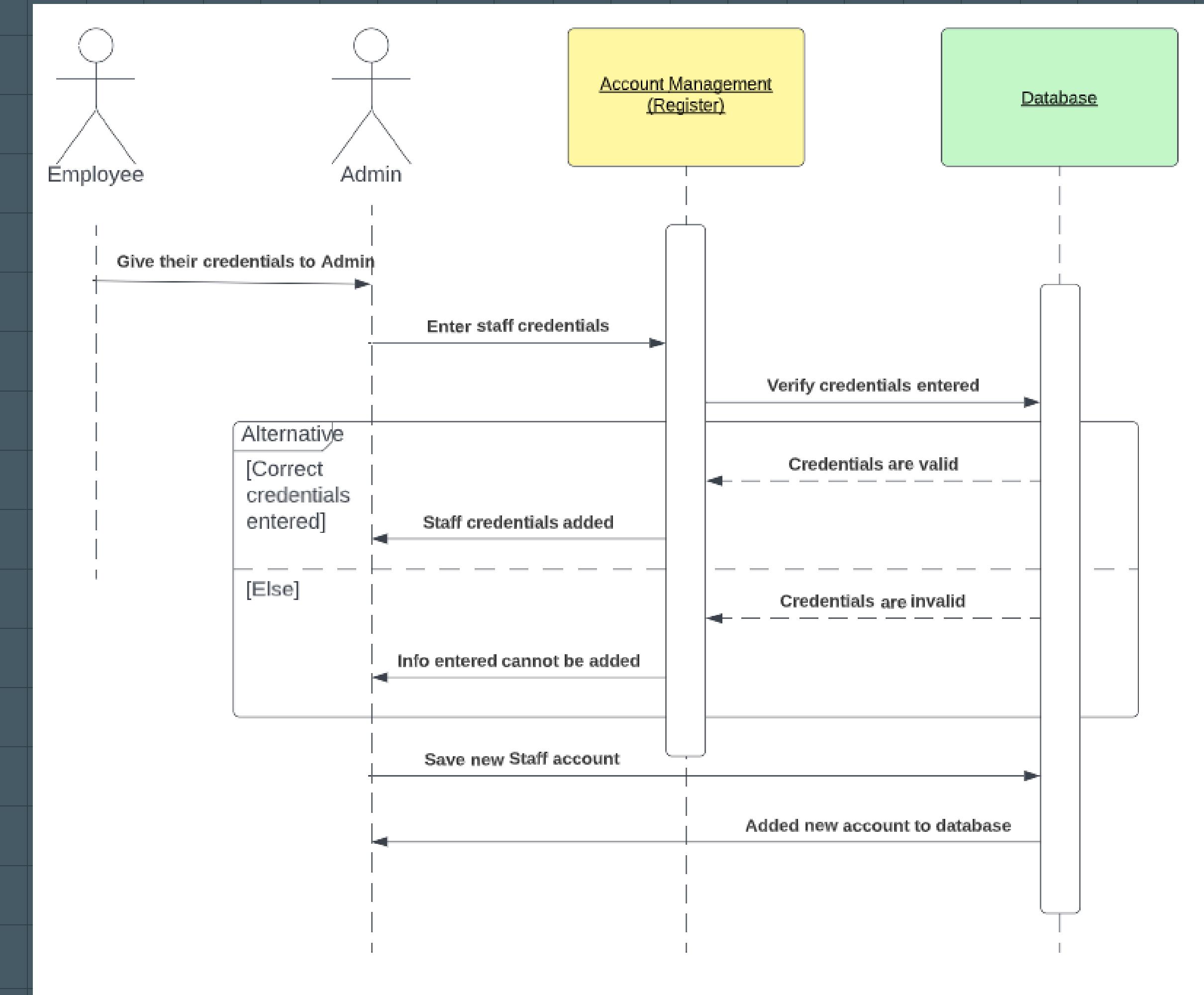
Login Process



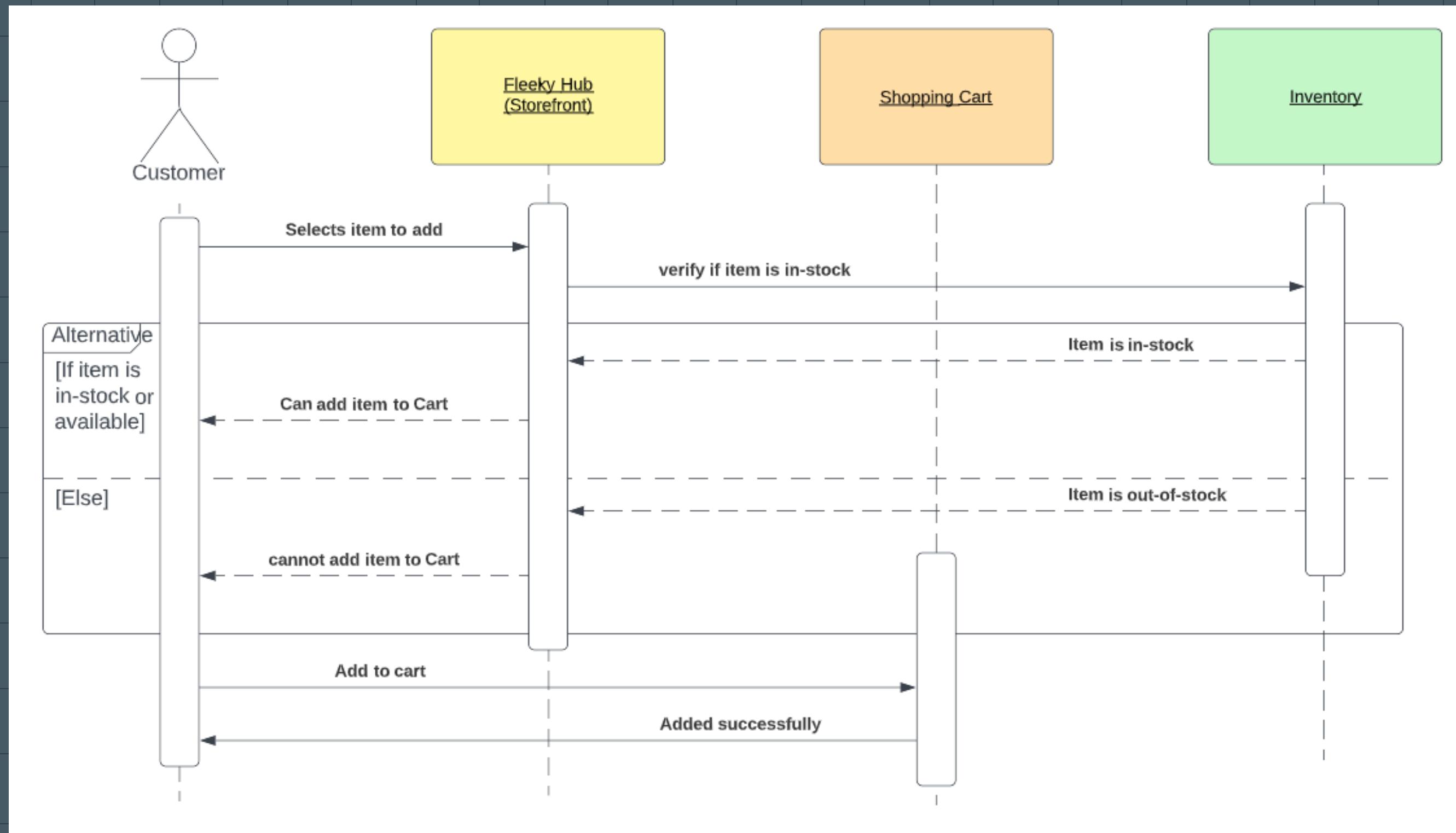
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# Sequence Diagram

Account Register



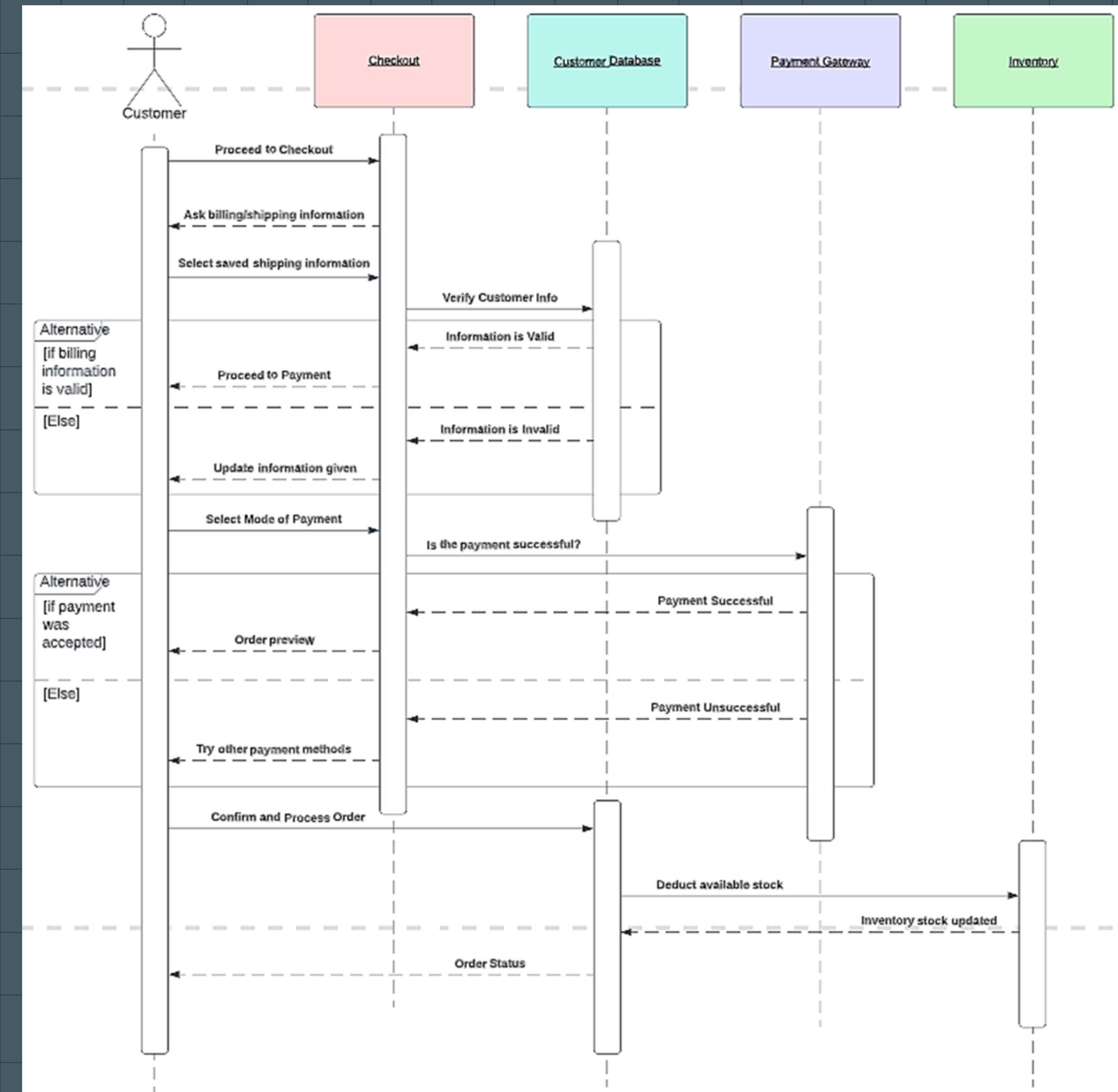
# Sequence Diagram



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# Sequence Diagram

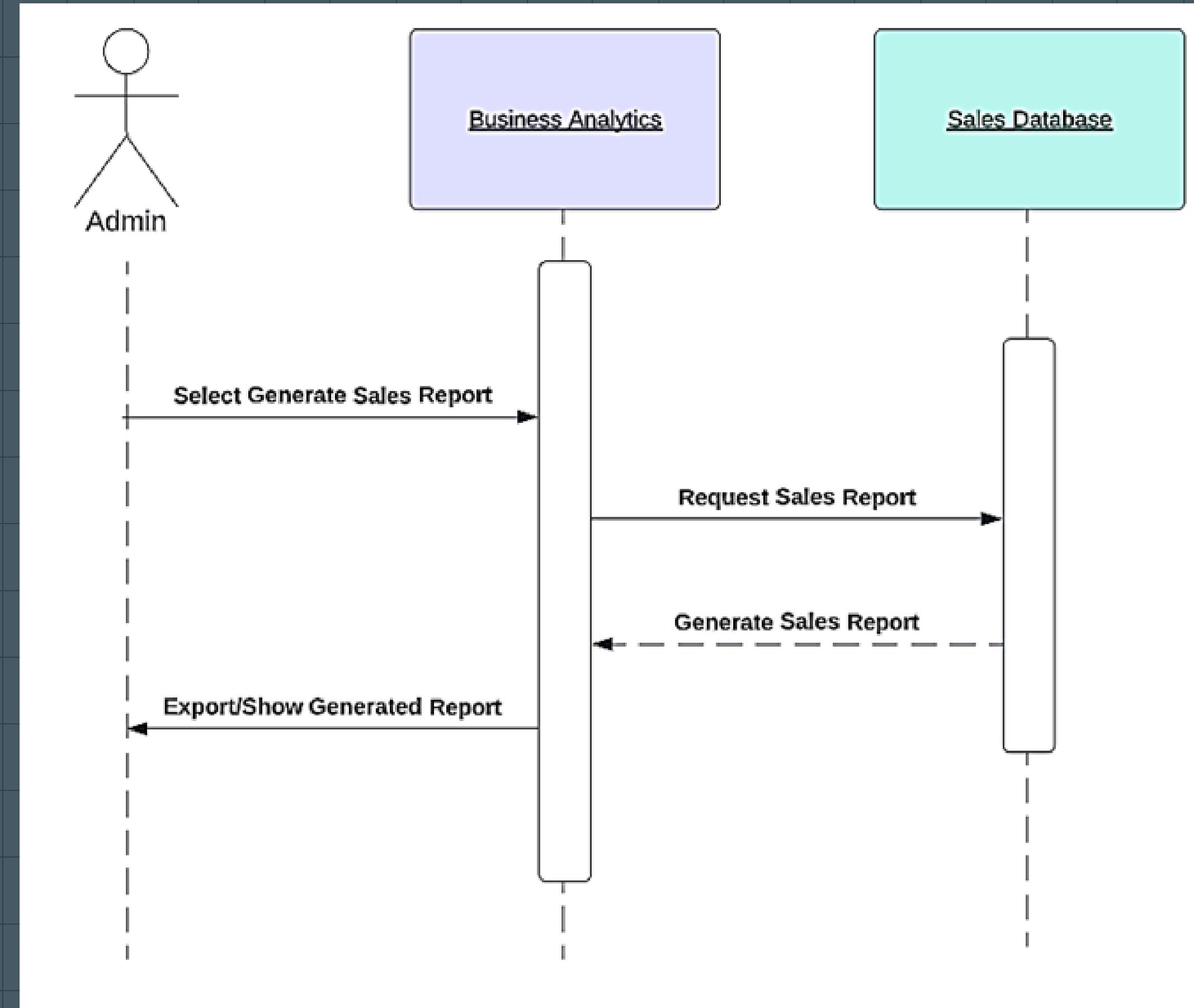
Checkout



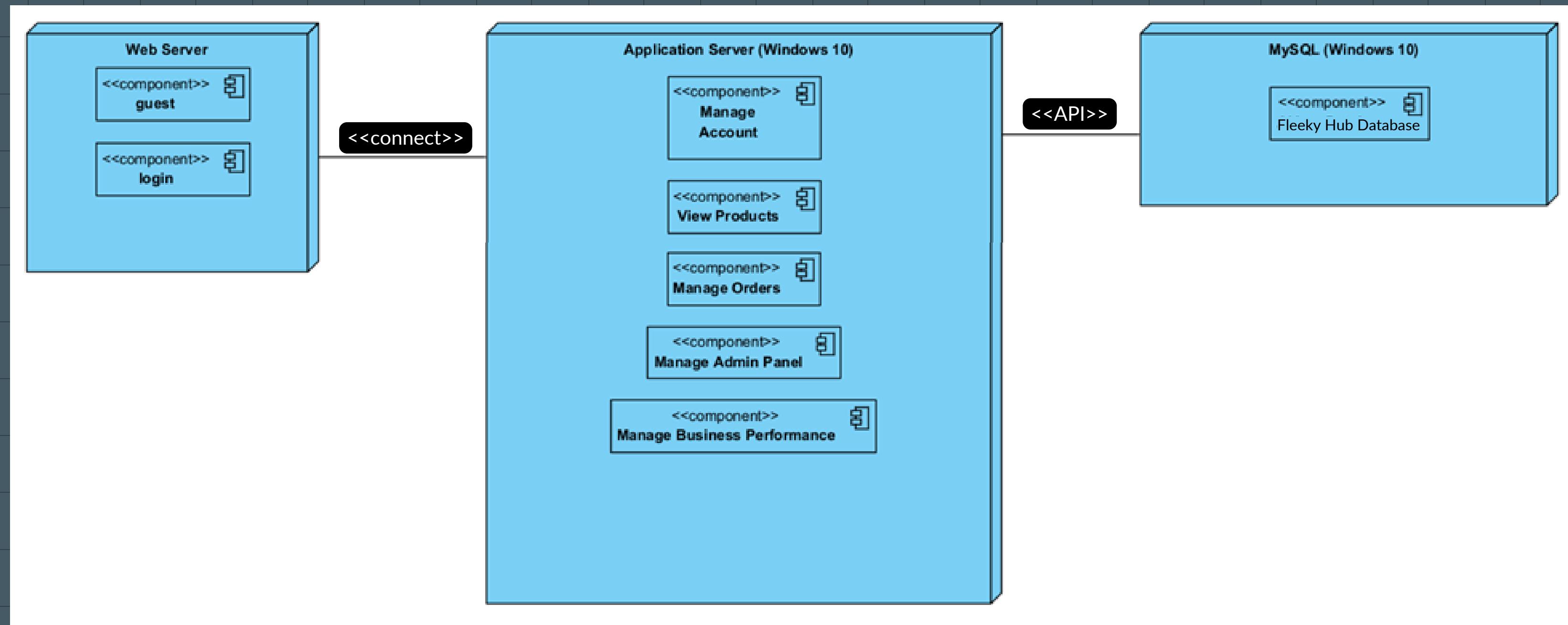
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# Sequence Diagram

Business Analytics



# Package Diagram





# Website Demo





# Members Contribution

Bryan Gel Fabellore	Gabriel Luis Antonio Perez	Joshua Timothy Roxas	Neil Albert Garcia	Pallas Dale Fontiveros
Software Codes	Presentation Deck	Video Teaser	Project Vision and Scope	Test Cases
Front End Development	Project Sway	Front End Development	Project Charter	Change Management Plan
Back End Development	Front End Development	Prototyping	Reworks on Chapter 1-5 Documentation	Quality Management Plan
Context Diagram, DFD, ERD, Package	Prototyping	Schedule	Activity Diagram	Back End Development
Event Table	Documentation & Sequence	MOTM	Use Case Diagram	Review of Related Literature
	Fully Dressed Use Case		User Stories	Object Diagram