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## 系統描述

About our system



#### |系統描述 | About our system |

#### Main system:

Web-based E-commerce System(WECS)

#### **Subsystem:**

- Member Management Subsystem, MMS
- Product Management Subsystem, PMS
- Discount Management Subsystem, DMS
- Order Management Subsystem, OMS
- Logistics Management Subsystem, LMS
- Financial Management Subsystem, FMS
- Shopping Cart Management Subsystem, SCMS
- Comment and Score Management Subsystem, CSMS



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# 使用情境

Scenarios



## Scenario 1 Guest Operational Concepts

Search Products Login Register as Customer





# Scenario 2 Customer Operational Concepts

Search Products
Add/remove Products into/from Shopping Cart
Checkout Shopping Cart
Query History of Orders
Query User profile of itself
Modify User profile of itself





### Scenario 3 Staff Operational Concepts

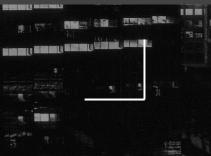
Manage Products and Categories:

- Create Products and Categories
- Query Products and Categories
- Modify Products and Categories
- Delete Products and Categories

Manage Discount Policy
Process/update status of customer's orders









# Scenario 4 Administrator Operational Concepts

#### Manage Users:

- Create Users
- Query Users
- Modify Users
- Delete Users





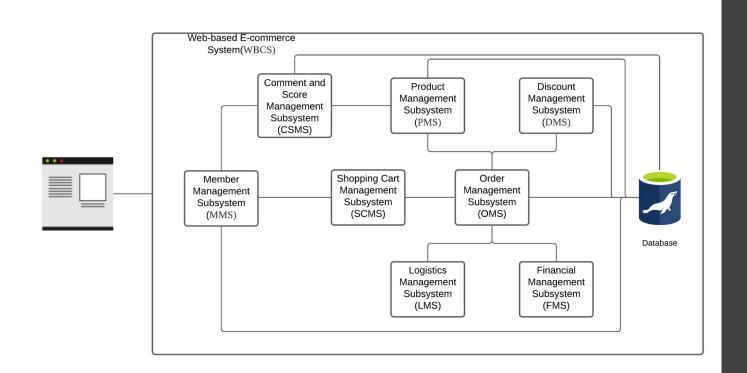


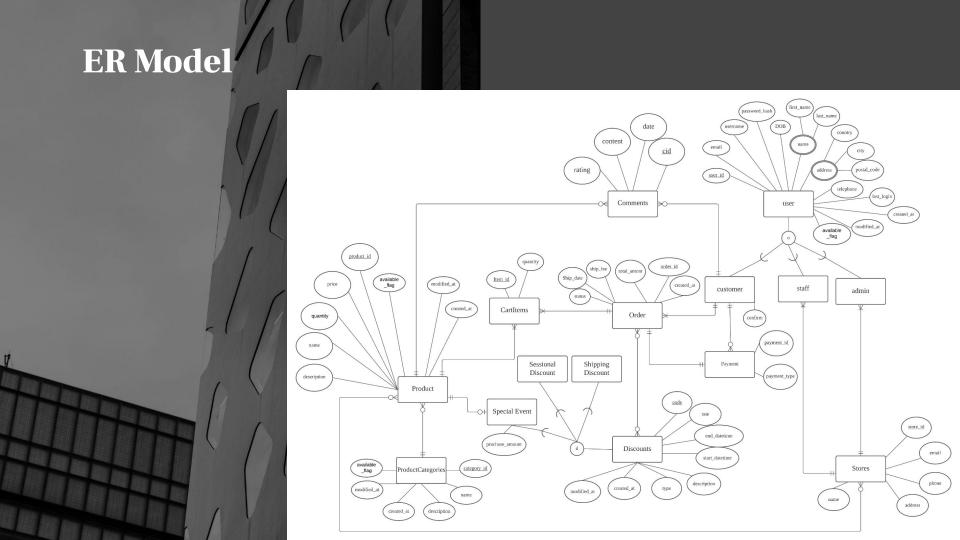
## 系統架構

System Architecture

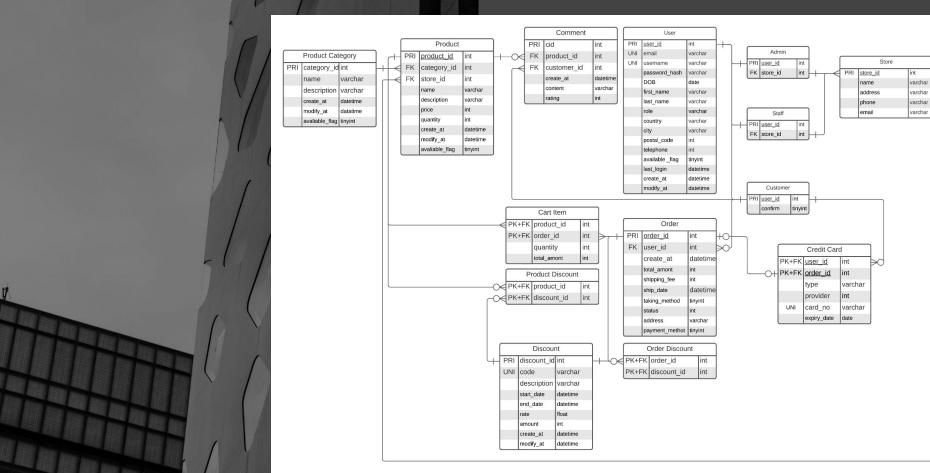


## 系統架構圖 | System Architecture Diagram





#### Database Schema





# 預計開發方式

Development



### Development | 預計開發方式

前端 Front-end

後端 Back-end

資料庫 Database

Bootstrap

Python Flask

**SQLAlchemy** 

MariaDB/MYSQL



