ASSIGNMENT 1
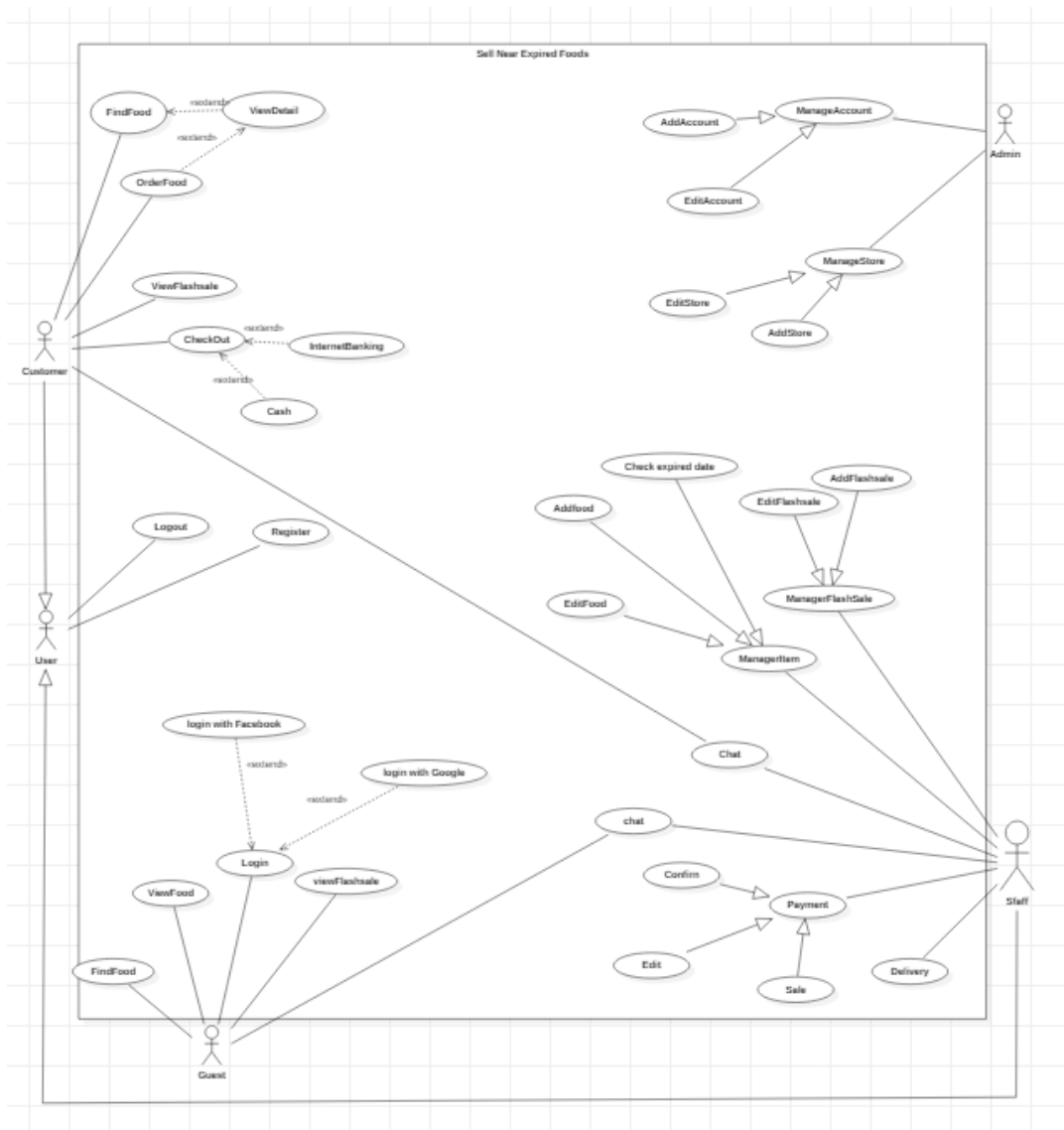
Project Description: Sell Near Expired Foods

+ Usecase diagram

+ 2 Usecase details (not Login, Logout)
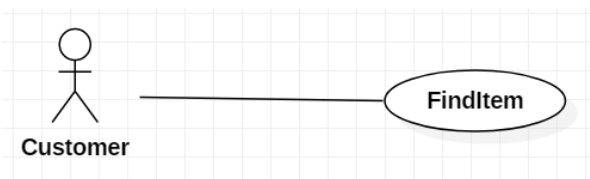
<Use Case Name 1>

Staff — AddItem

User Case ID	UC_1.1
Name	Use Case Name 1
Goal	Add Item
Actors	Staff
Pre-conditions	User must log in with role "Staff"
Post-conditions	-Success: Show the message "Add Item Successfully" -Fail: Show the messages "Error"

Main Flow	1. Click button "Add Item"
	
	        2. Display "Add Item" sreen and request to enter information:
	          -ItemID
	          -ItemName
	          -ItemCategoryID
	          -ItemCategoryName
	          -ItemPrice
	          -Quantity
	
	3. Input information
	
	4. Click button "Confirm"
	
	        5. Validate Item information. Display "Complete!" message.

Exception	1: if role is not correct, show error message and ask to log in again.
	5: if Item information is not correct, show error message and ask to input again.
Open Issues	N/A

<Use Case Name 2>

User Case ID	UC_1.2
Name	Use Case Name 2
Goal	Find Item
Actors	Customer
Pre-conditions	User must log in with role "Customer"
Post-conditions	-Success: Item displayed on the screen -Fail: Show the messages "Error"
Main Flow	1. Click on button "Find Item"	
		2. Display "Find Item" sreen and request to enter information: ItemID
	3. Input information	

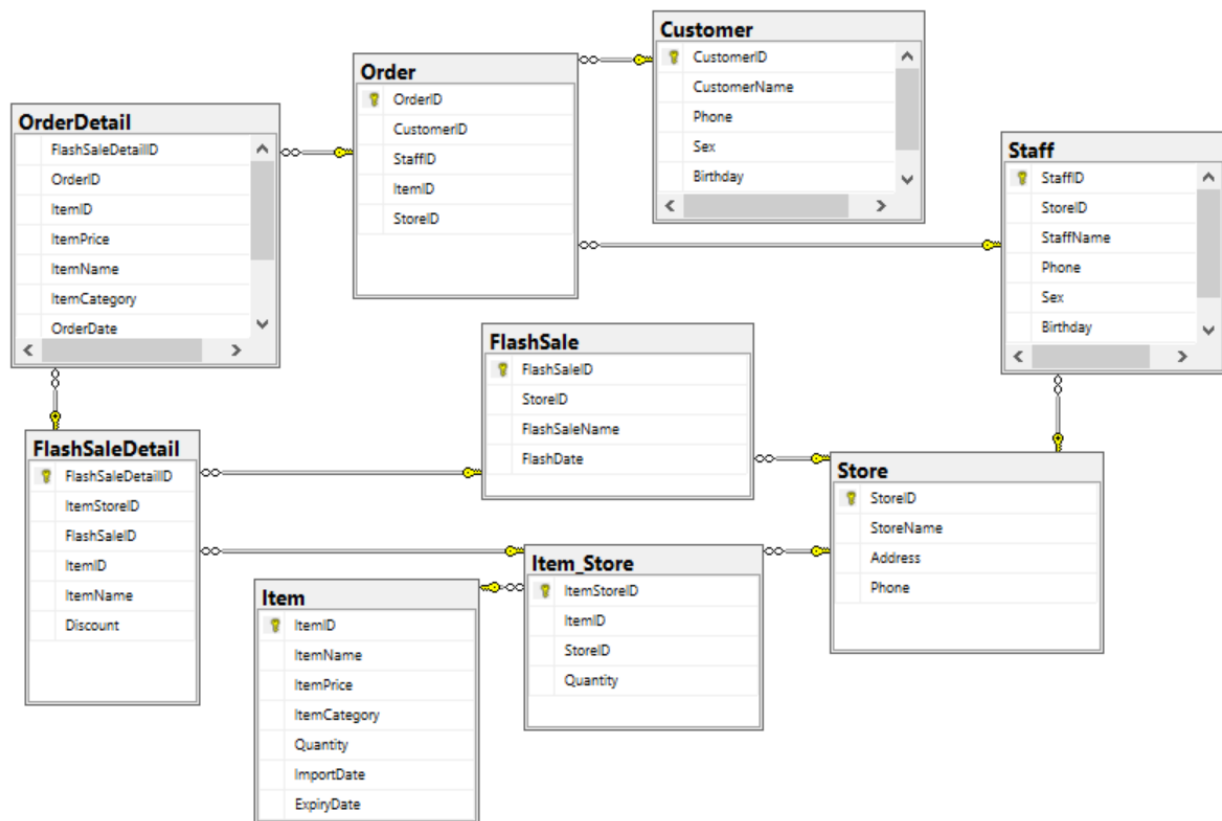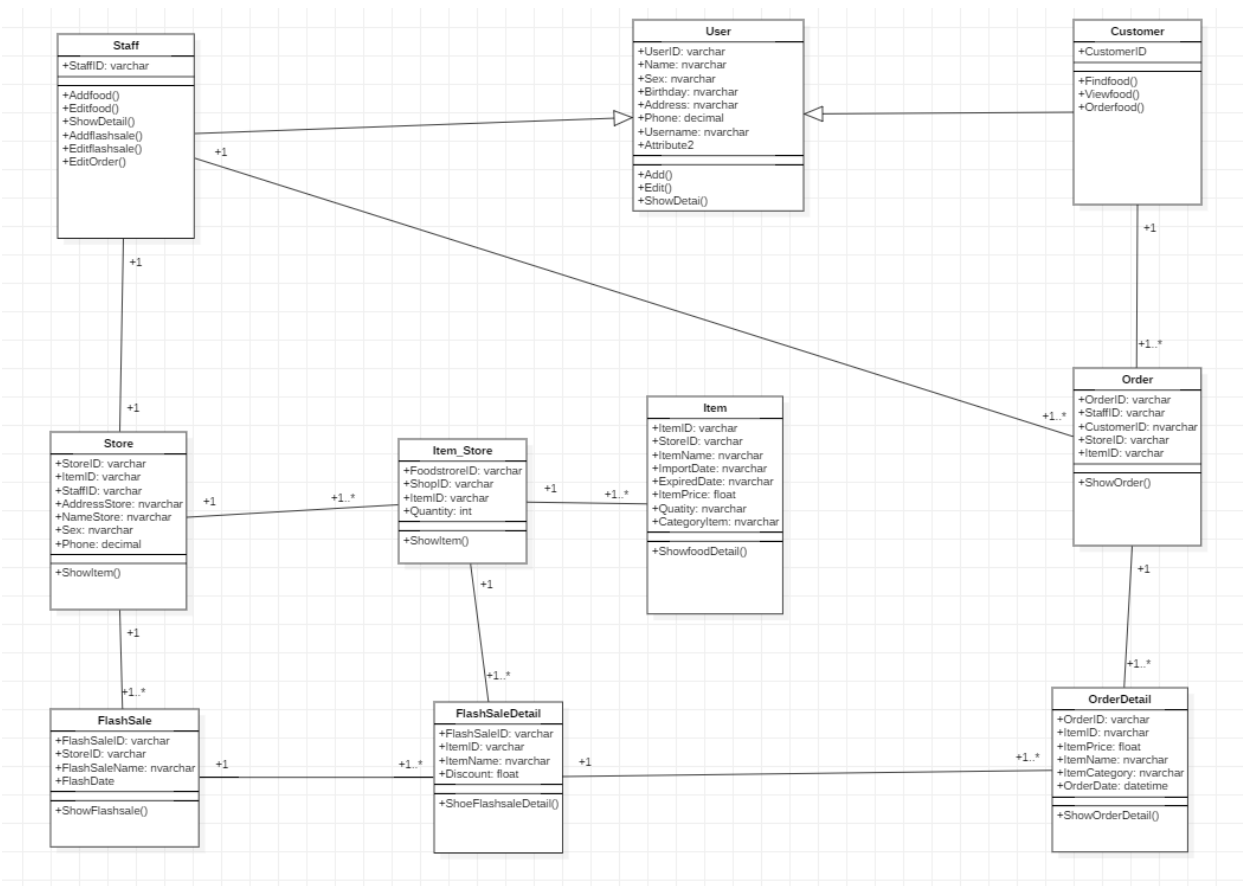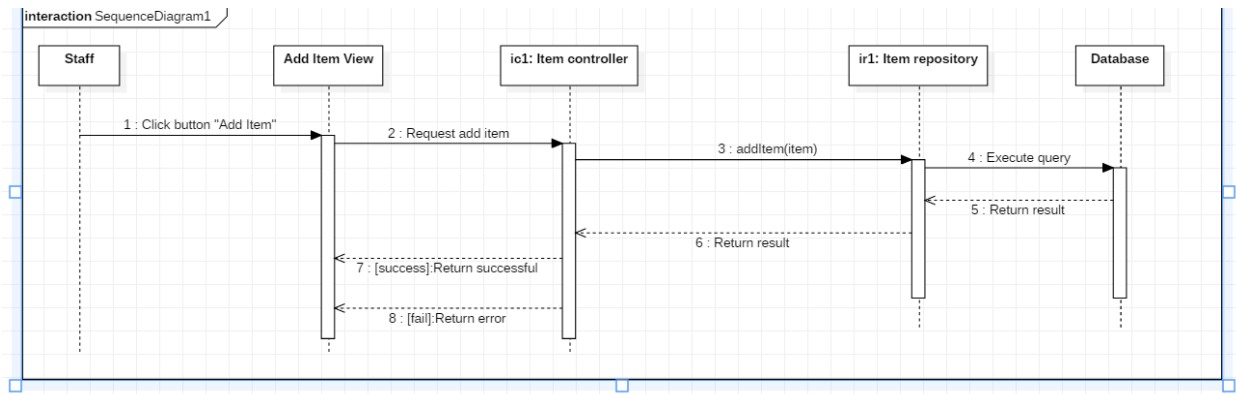|	4. Clicks button "Confirm"	
		5. Check ID of Item. Display "Complete!" message.
Exception	1: if role is not correct, show error message and ask to log in again. 5: if Item information is not correct, show error message and ask to input again.	
Open Issues	N/A	

+ Database diagram

+ Class diagram

Staff

+StaffID: varchar

+Addfood()
+Editfood()
+ShowDetail()
+Addflashsale()
+Editflashsale()
+EditOrder()

User

+UserID: varchar
+Name: nvarchar
+Sex: nvarchar
+Birthday: nvarchar
+Address: nvarchar
+Phone: decimal
+Username: nvarchar
+Attribute2

+Add()
+Edit()
+ShowDetai()

Customer

+CustomerID

+Findfood()
+Viewfood()
+Orderfood()

Store

+StoreID: varchar
+ItemID: varchar
+StaffID: varchar
+AddressStore: nvarchar
+NameStore: nvarchar
+Sex: nvarchar
+Phone: decimal

+ShowItem()

Item_Store

+FoodstroreID: varchar
+ShopID: varchar
+ItemID: varchar
+Quantity: int

+ShowItem()

Item

+ItemID: varchar
+StoreID: varchar
+ItemName: nvarchar
+ImportDate: nvarchar
+ExpiredDate: nvarchar
+ItemPrice: float
+Quatity: nvarchar
+CategoryItem: nvarchar

+ShowfoodDetail()

Order

+OrderID: varchar
+StaffID: varchar
+CustomerID: nvarchar
+StoreID: varchar
+ItemID: varchar

+ShowOrder()

FlashSale

+FlashSaleID: varchar
+StoreID: varchar
+FlashSaleName: nvarchar
+FlashDate

+ShowFlashsale()

FlashSaleDetail

+FlashSaleID: varchar
+ItemID: varchar
+ItemName: nvarchar
+Discount: float

+ShoeFlashsaleDetail()

OrderDetail

+OrderID: varchar
+ItemID: nvarchar
+ItemPrice: float
+ItemName: nvarchar
+ItemCategory: nvarchar
+OrderDate: datetime

+ShowOrderDetail()

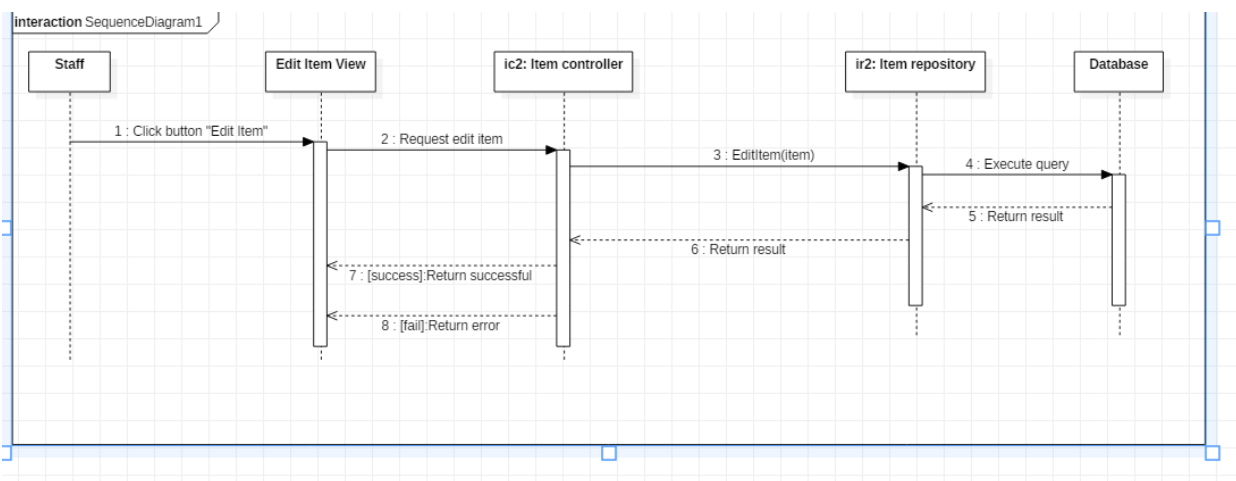+1 +1 +1 +1 +1 +1..* +1..* +1 +1..* +1 +1..* +1 +1..* +1..* +1 +1..* +1

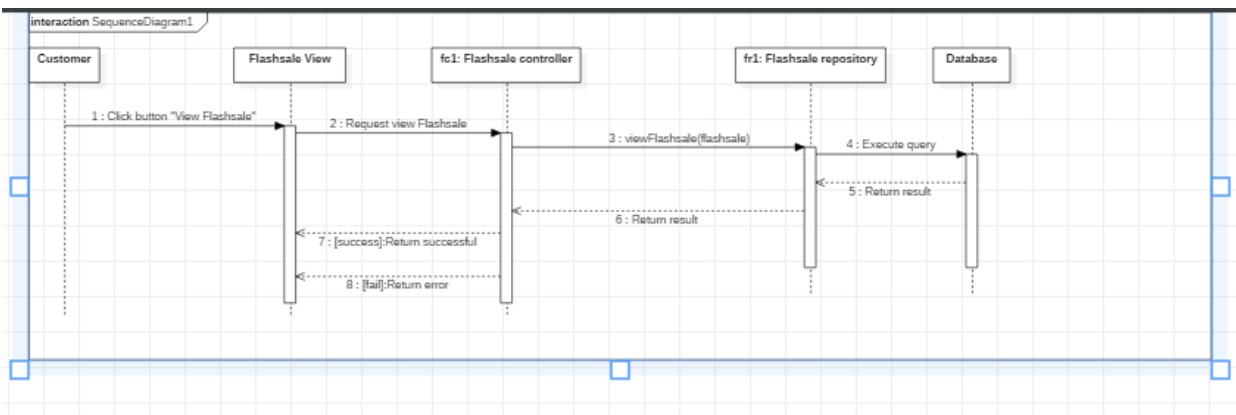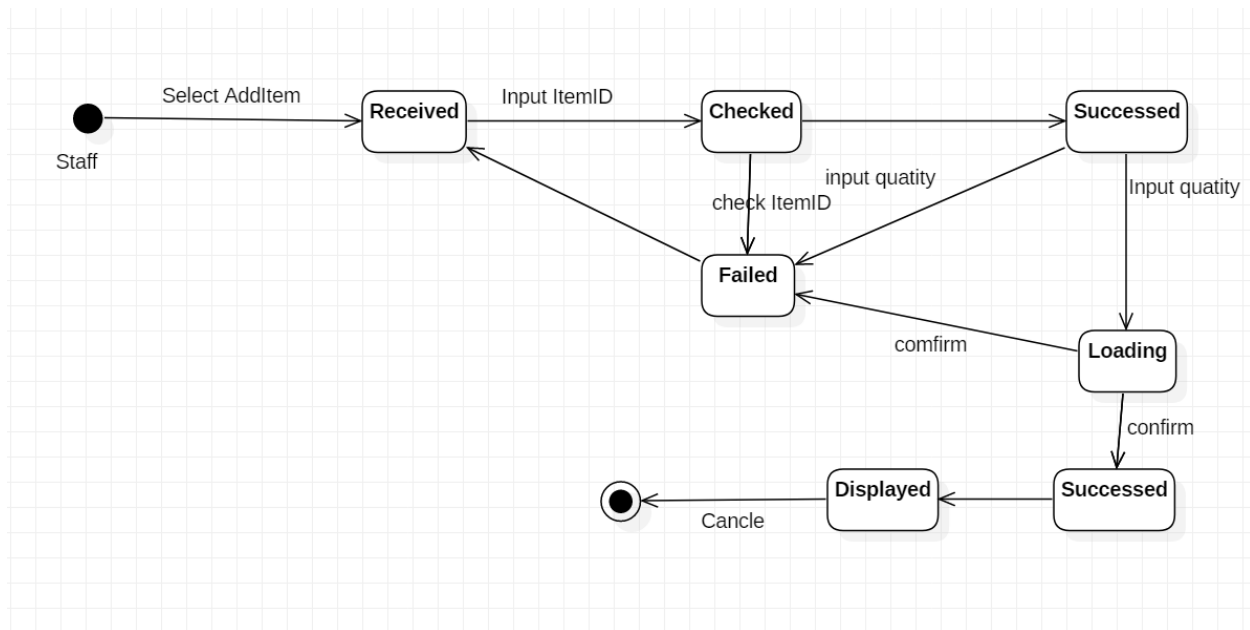# + Sequence diagram (3 functions)

*Add Item

*Edit Item

*View Flashsale

+ Statemachine diagram (2 objects)

*Add Item

*Edit Item