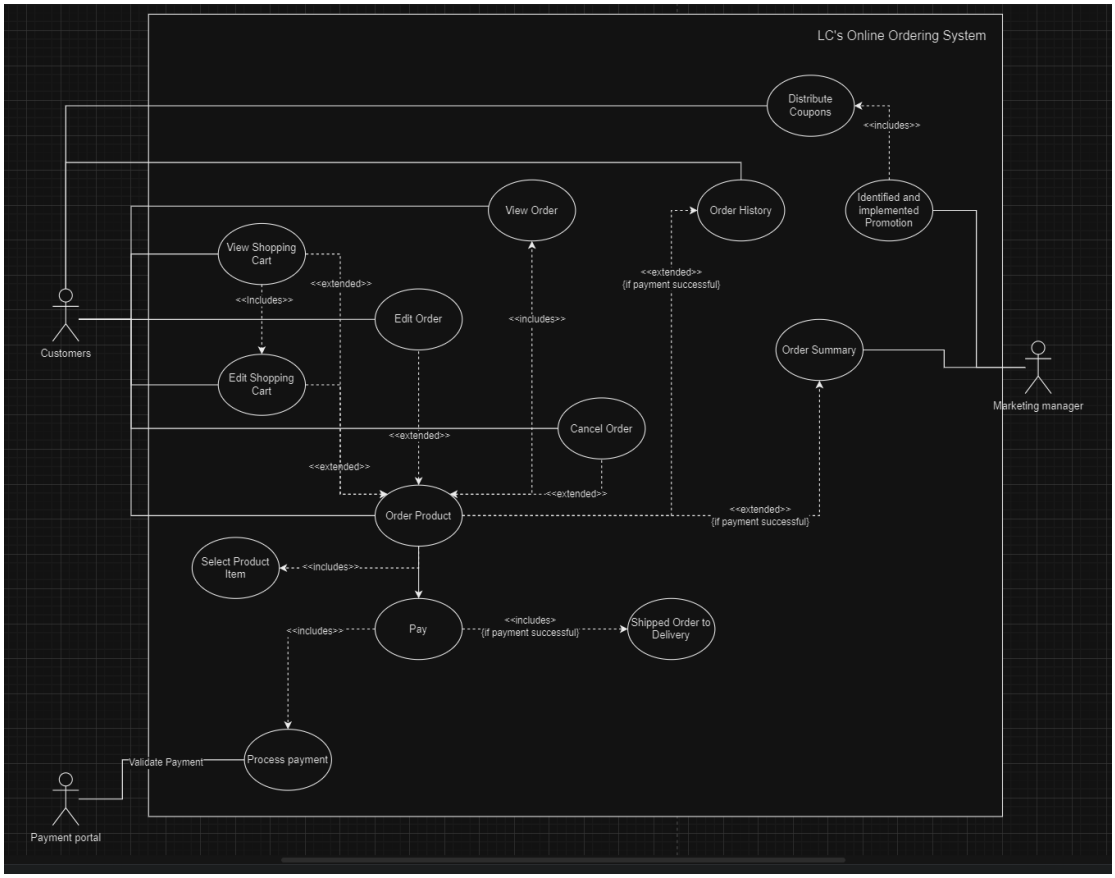
Use case diagram



Detailed use case description

Use case name	Order product
Scenario	Online order scenario
Triggering event	Customer visits online ordering system, view shopping cart, edit shopping cart and logs on or click the link for new account
Brief description	Customer logs on to the online ordering system. Customer selects the purchase items add to shopping cart, and create order from shopping cart. Then customer uses the coupons they have, and selects the payment method. Finally, system verifies the payment and finalize the order
Primary actor	Customer
Related use cases	Includes: view order, select product item Extended: view shopping cart, edit shopping cart, edit order, cancel order, order summary, order history
Stakeholders	Marketing department: To provide promotion information, to collect customer purchase activities; Inventory department: To provide stock availability;
Precondition	Customer must be online with web access, catalogue and inventory item must exist for requested item
Post condition	- Customer order must be created/placed - Inventory items must have the quantity updated as the order transaction is created. - Order must be associated with a customer.

	- Rollback any uncompleted transaction	
Flow of activities	Actor 1. Customer visits the online ordering system and clicks the log on link in the page.	System
	2.lf the customer is new to the online ordering system, customer clicks the register link, provide appropriate information to create customer account	2.1Create an account record for a new customer
	2.a Customer logs on to the system	2a1. Validate customer account 2a2. Displays the catalogue page
	3. Customer searches the catalogue to see a particular product's detail	3.1 Displays product detail of search criteria and check availability in stock
	4. When customer finds the preferred product items, customer provide the quantity and customer clicks the add button to add the item to the shopping cart of the order page	4.1 Add item to the shopping cart
	5. Customer continues shopping by repeating the activities from step 3 to step4	5.1 Displays summary of ordered items
	6. Customer clicks end of order	
	7. Customer makes any change to shopping cart	
	8. When customer wants to finish, customer checkout	8.1 Displays total cost and payment screen
	9. Customer selects payment method, provides payment information and shipping address	
	10. Customer clicks confirm order	10.1 Processes payment, displays order confirmation information and sends an email to customer
		10.2 order will be transfer to delivery

Exception conditions	2a.1	If existing customer cannot remember the password, then a. System generates a password and sends the password by e-mail to customer to log on again using the password, or b. Customer can create another account
	4.1.(1)	If a product item is not in stock, then customer can a. Select not to add that item in shopping cart. b. request item is added as a back-order item
	4.1.(2)	If Customer did not enter the quantity, then 2a. Customer is notified that an invalid quantity was entered. Customer enters quantity and clicks the add button again.
	10.1.	If Customer's credit card information is invalid and payment cannot be processed, then a. Customer re-enters credit card information and clicks the confirm button again, or b. Customer can cancel the order, or c. The order can be saved and customer can process the order later