ASSIGNMENT 6

CSCI 567

SECTION 1

USE CASE SPECIFICATIONS:

Use case Name:	Create Customer Account
ID:	1.0
Summary	This use case allows authorized customer to create a new customer account.
Primary Actor(s)	Customer
Secondary Actors	None
Preconditions(s):	The customer should not already have an account.
Main Flow:	1. This use case starts when the customer selects the "New Customer? Sign up" option. 2. The customer enters the First Name, Last Name, Email ID, Enter Password, Address, City, State, Zip Code, Contact number. 3. The customer then clicks on "Create New Account" Button. 4. The system validates the details entered by the customer. 5. The system then creates a unique account for the customer.
Post Conditions:	1. This use case ends after the customer confirms the details by selecting the Create New Account Button. 2. The customer account is now validated. 3. The unique customer account is created and stored in the appropriate database. 4. The customer will now be able to login into the account using a username and password. 5. New customer account is added to the database.
Alternative flows/Exception(s):	Cancel, Clear

Use Case Name:	Create Sales Order
ID:	3.0
Summary:	This use case allows authorized customers to create new sales order.
Primary Actor(s):	Customer
Secondary Actors:	Warehouse staff, Customer
Precondition(s):	1. The customer should have an account. 2. The customer should be logged into the account.
Main Flow:	1. This use case starts when the customer first searches for the items he/she wants to buy. 2. The customer then selects the item he/she wants to buy. 3. The customer selects the quantity for the items selected. 4. The customer can add more items to the cart. 5. The customer reviews the items selected. 6. The customer selects the "Proceed to checkout" Button. 7. The Customer also confirms the shipping address 8. The customer selects the payment method they want to use for the order. 9. The customer confirms the sales order by clicking on "Confirm" Button. 10. The sales order is now created. 11. System generates and produce notification for the customer.
Post Conditions:	1. This use case ends after the customer confirms the submission of the order. 2. The sales order can also be updated. 3. The confirmed sales order is validated. 4. The validated sales order now generates a notification. 5. The produced notification is sent to warehouse staff. 6. The warehouse staff receives the notification.
Alternative Flows/Exceptions:	If the required item is not in stock or the required quantity isn't.

Use Case Name:	Generate Sales Order Pick List
ID:	11.2
Summary:	This use case allows the Warehouse staff to Generate the Sales Order Pick List for picking and packing the items.
Primary Actor(s):	Warehouse staff
Secondary Actors:	Shipment staff, Picking Staff, Printer
Precondition(s):	The Sales order should have been created.
Main Flow:	1. This use case starts when the Warehouse staff receives the Sales order report. 2. The Warehouse staff creates the Sales order Pick list. 3. The system generates and produce the pick list. 4. The system displays the picklist to staff and staff may choose to print the pick list. 5. The Warehouse system then records the pick list to the system. 6. The items in the list are picked and packed.
Post Conditions:	This use case ends after the Sales Order Pick List notification is produced to the Shipment Staff.
Alternative Flows/Exceptions:	1. Sales Order Pick List not received. 2. Invalid Sales Order number in Pick List.

Use Case Name:	Record Sales Order shipment
ID:	13.0
Summary:	This use case allows the Shipment staff to Record Sales Order shipment details.
Primary Actor(s):	Shipment staff
Secondary Actors:	Warehouse Manager, Customer, A/R System
Precondition(s):	1. The Shipment staff should have picked the items. 2. The Shipment staff should have packed the items picked.
Main Flow:	1. This use case starts when the Shipment staff gets the notification that a Sales Order is picked and packed. 2. The system will record the shipping from GPS name and Warehouse address. 3. The also record lists customer name, customer address and carrier name. 4. The system then records Sales Order number, shipment date, shipment id, carrier name and tracking number. 5. System update status of Sales Orders Shipment. 6. System generate and produce notification for customer and A/R system.
Post Conditions:	1. This use case ends when the Shipment Staff records all the shipment and racking information for the order. 2. The recorded list is then validated. 3. A shipment Report is generated. 4. The produced shipment report is then sent to the Warehouse Manager for review.
Alternative Flows/Exceptions:	1. Missing Shipment tracking information. 2. Incorrect Sales Order shipment records.