

Project Part Two

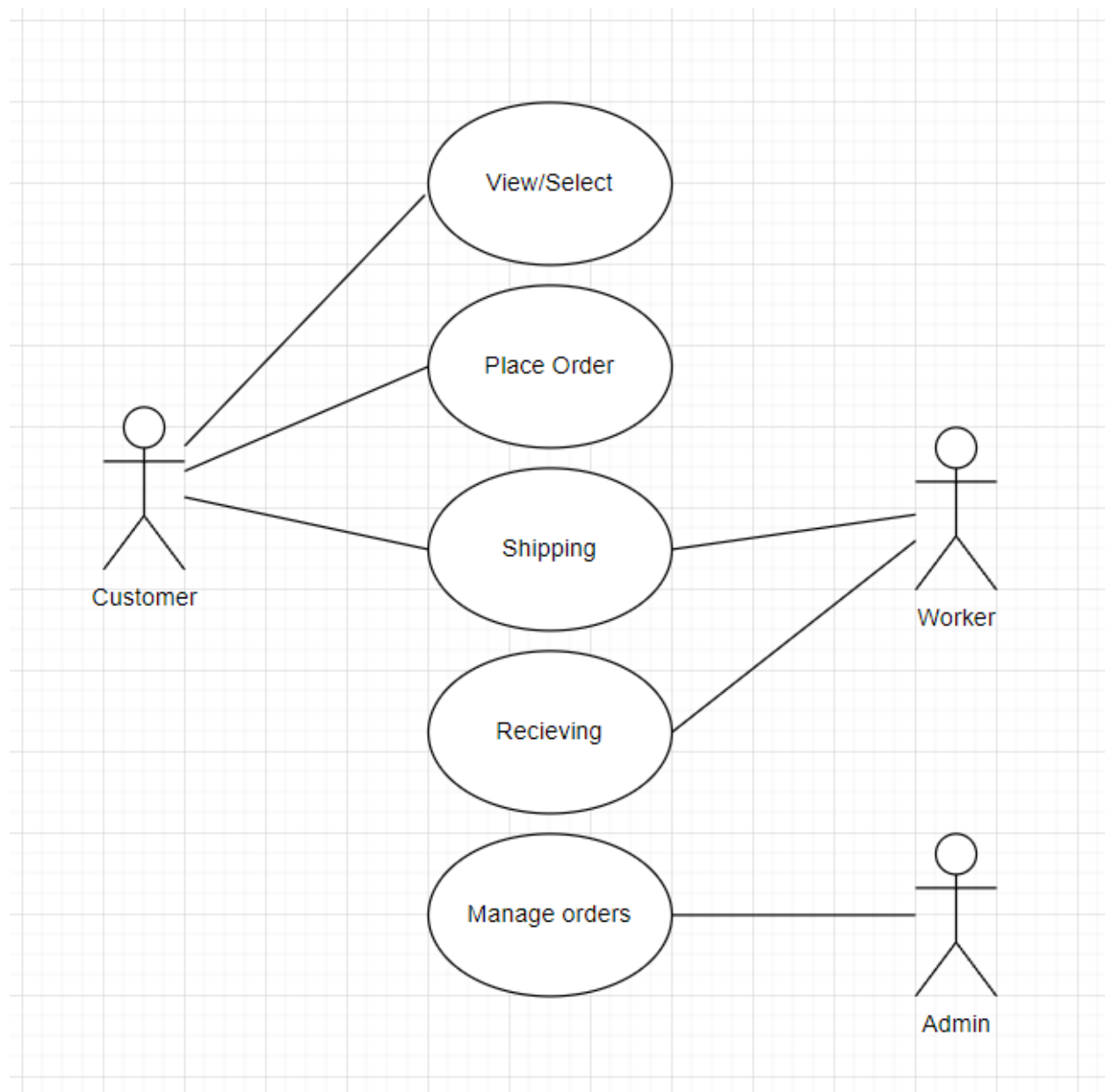
CSCI 467

Due Date 11/21/2022 by 11:59 pm

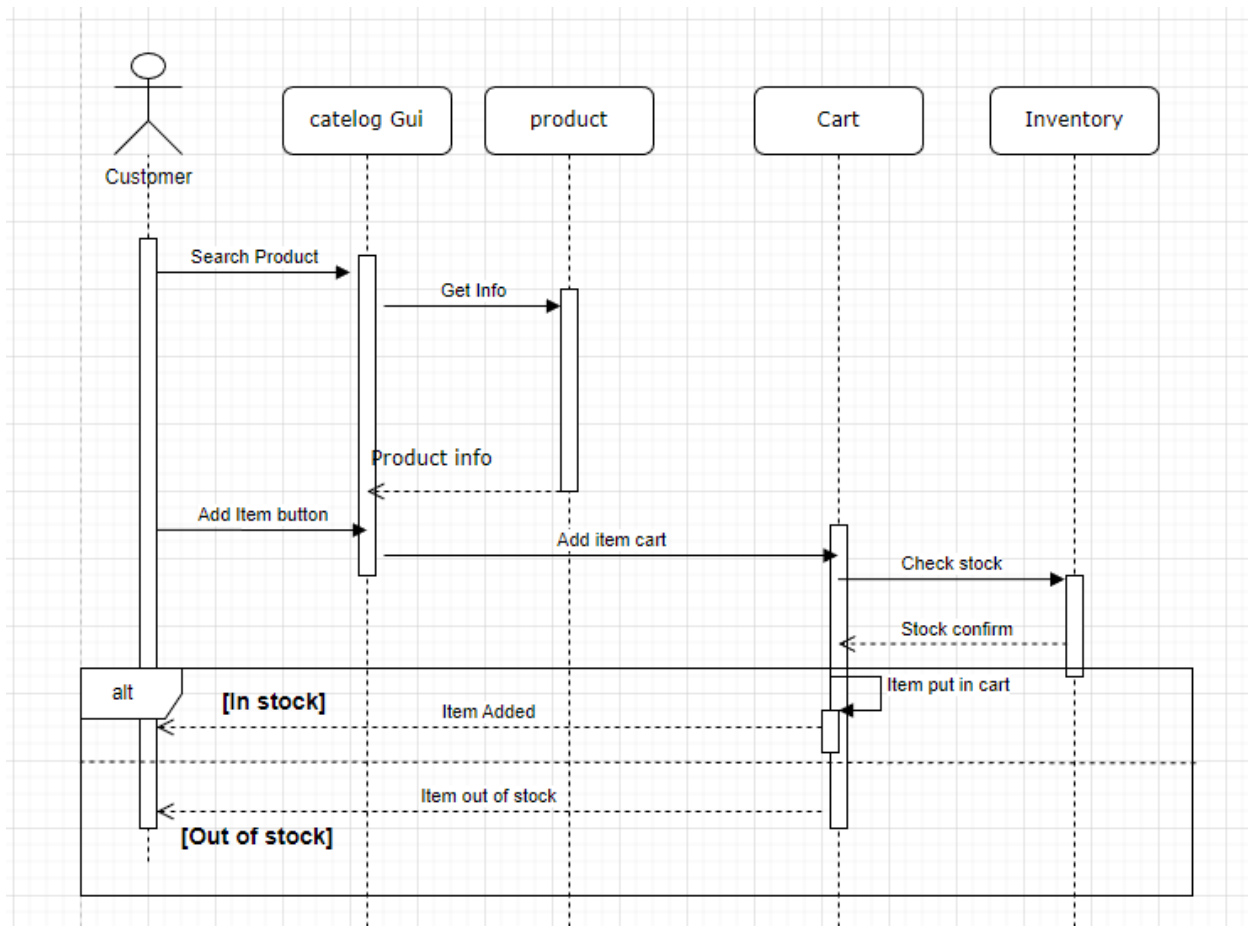
By

**Long Huang
Brandon Romito
Luke Bodnar**

USE CASE DIAGRAM

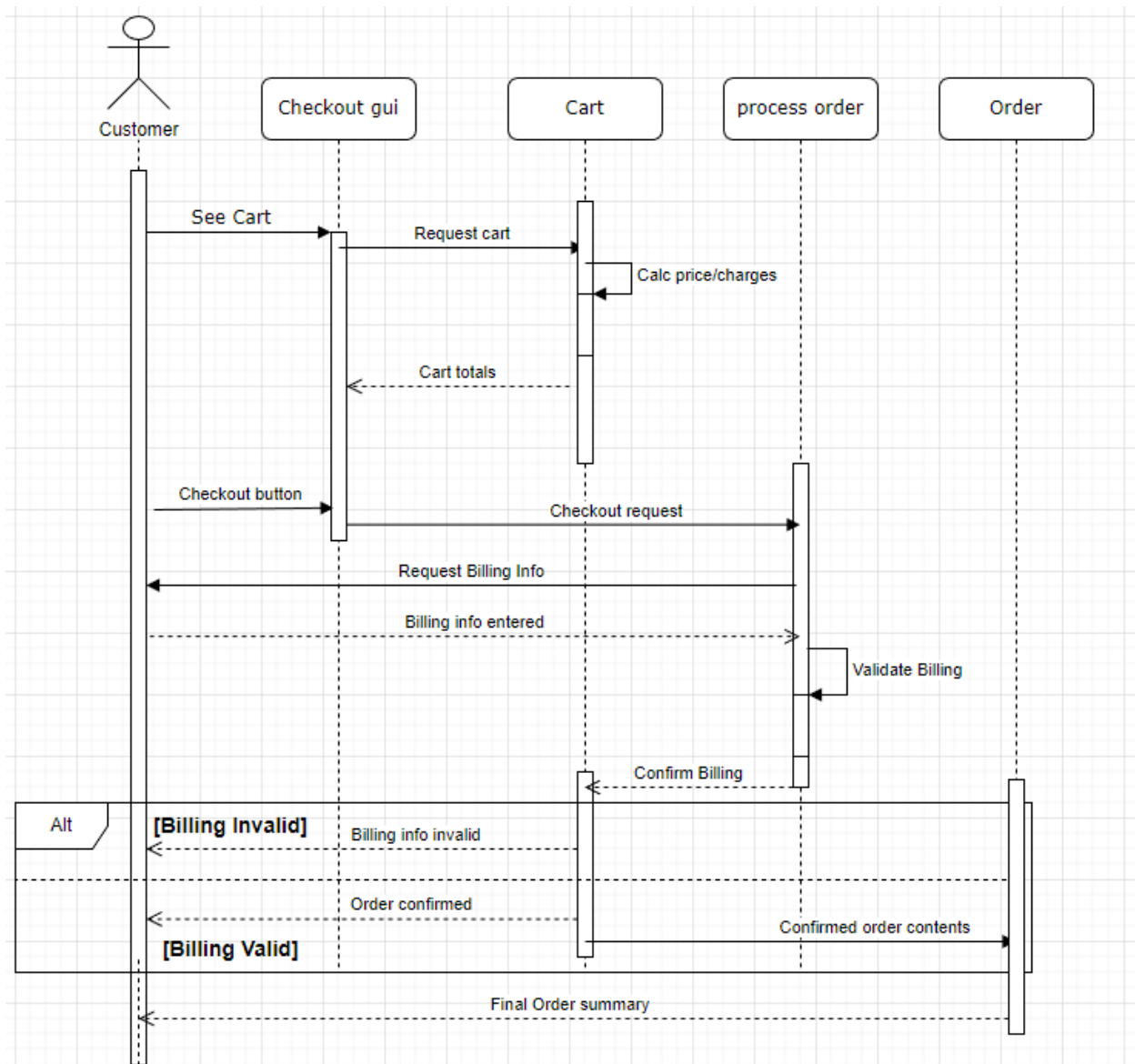


USE CASE: View/Select catalog



Actors	Customer.
Description	A customer may search part in the catalog from the inventory database on the online store. Information on the product is returned to the user. The user May choose to add the item to the cart and is notified if the item was successfully added or not.
Data	Product information and availability.
Stimulus	User commands to search and add.
Response	Information on the product is sent to the user and it is shown confirmation that either the item has been added or it is out of stock
Comments	The user may simply look at the item without adding it to the cart.

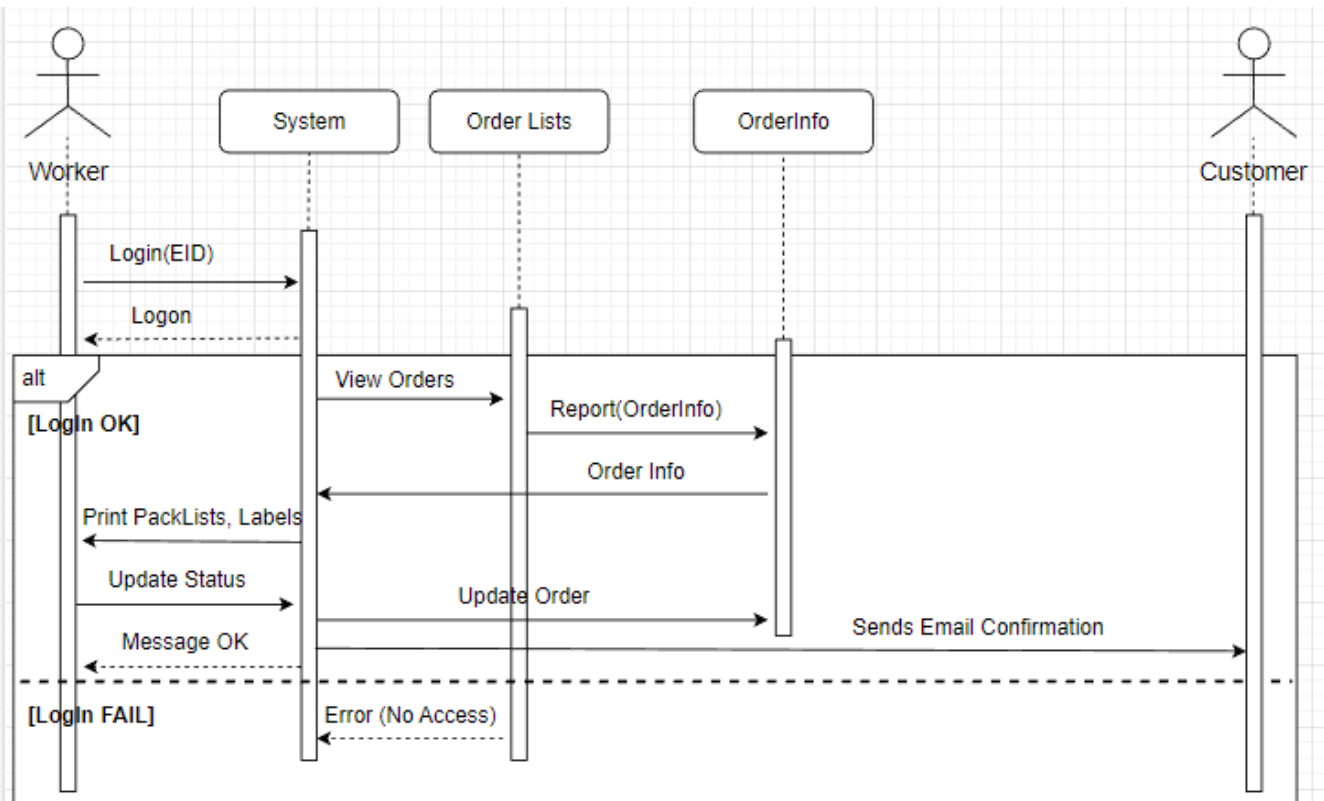
USE CASE: Place Order



Actors	Customer.
Description	<p>A customer views the checkout and the cart calculates the totals and shows them. The customer then presses the checkout button. The order processor requests billing info and the customer enters it. After validation, the confirmation of valid billing info is returned and two outcomes happen. Either an invalid billing notice or an order confirmed notice with the order being finalized.</p>

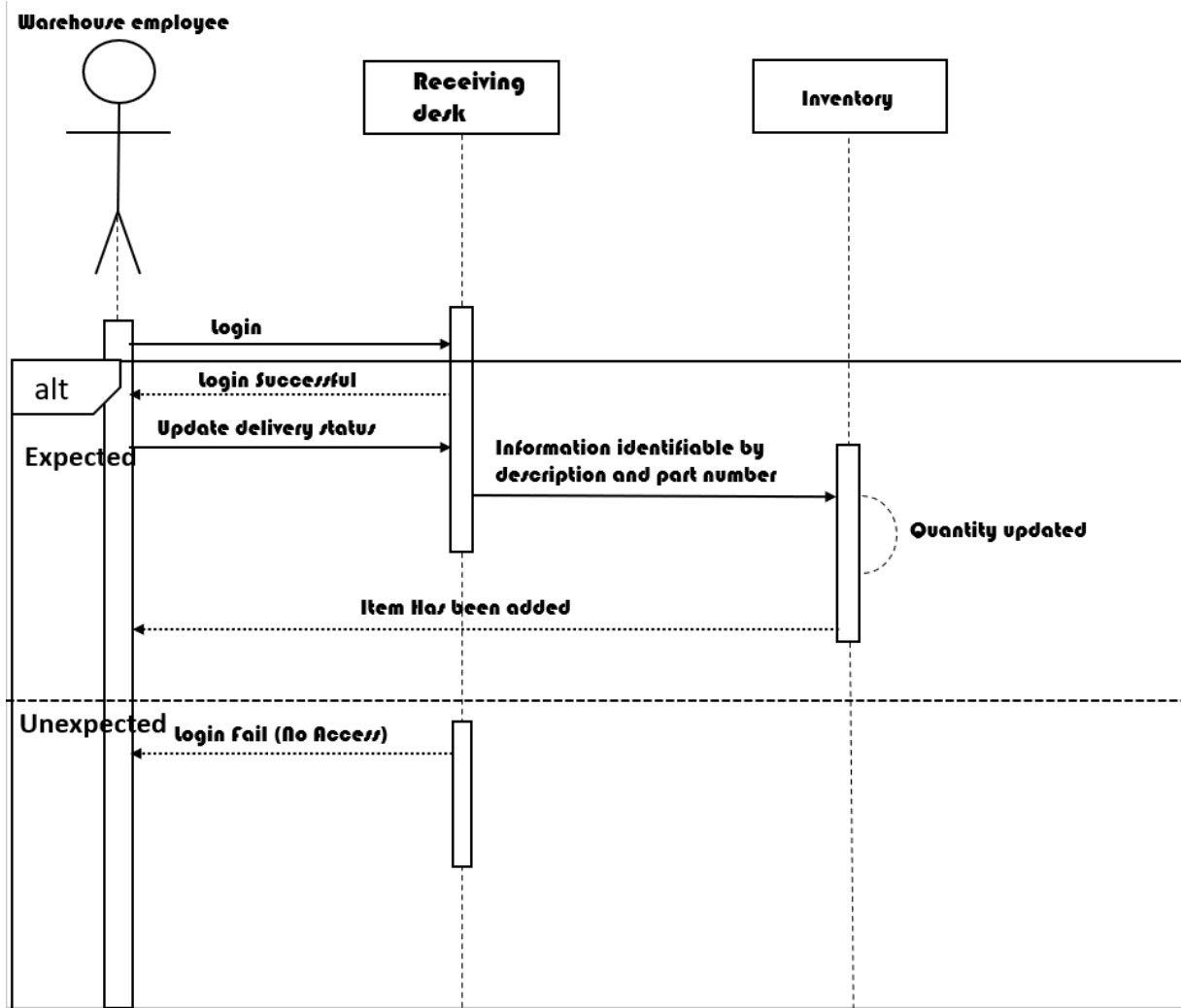
Data	Information on cart products/total prices, billing and final order summary.
Stimulus	User commands to see the checkout cart and press the checkout button.
Response	The user is shown the cart with totals. The checkout button will request billing from the customer to finalize the order.
Comments	The user does not need to checkout after seeing the final cart.

USE CASE: Shipping



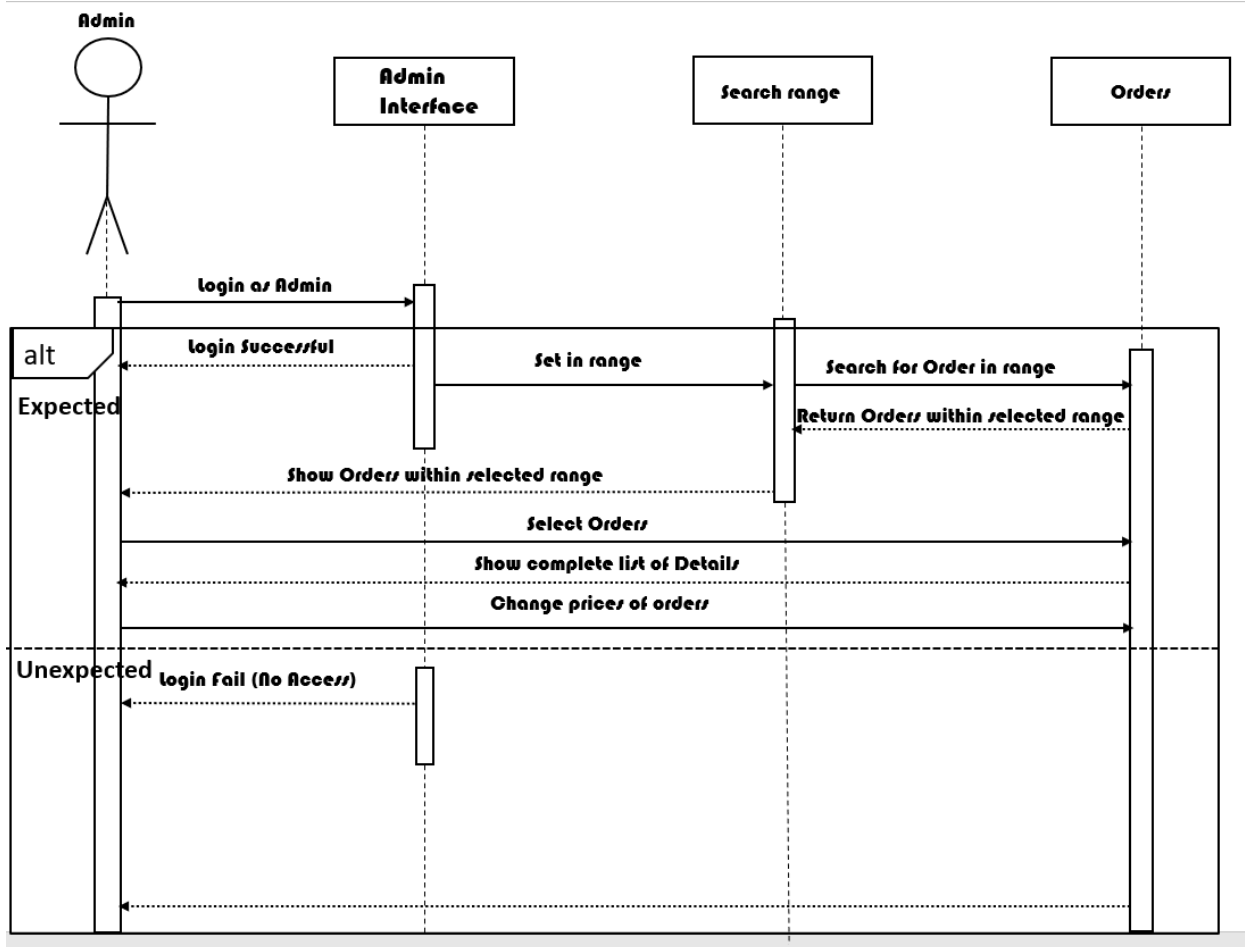
Actor	Worker/Employee, Customer
Description	The worker/employee first login to the system before they are allowed to view the list of completed orders that are awaiting to be packed and shipped, select an order to view its info then choose to Print the Packing Lists and relevant Labels. After successfully packing and shipping the item, they update the status of the order on the system and set the status of the order to Complete, then sends an email confirmation to the customer to let them know.
Data	Order information, customer information, shipping and label information.
Stimulus	User command issued by the worker/employee.
Response	Confirmation that the Order is updated and email is sent.
Comments	The worker/employee must verify themselves with their unique Logins before they can view and interact with the Order.

USE CASE: Receiving



Actors	Warehouse employee
Description	Warehouse employee logs in updates the inventory when item's have been delivered and can be recognized by description and part number.
Data	Information on the Inventory and delivered parts
Stimulus	Warehouse employee can update and maintain Inventory
Response	Shows confirmation of added inventory and shows parts by number and description
Comments	Legacy product database does not have access to inventory.

USE CASE: Manage Orders



Actors	Admin
Description	Admin logs in then searches orders based on a range of their choice (Range is based on the status{ shipped, authorized} or price range once selected an order shall show all the details about that order and the admin can change the price.
Data	Information on the orders
Stimulus	Admin searches based on input range and can change the prices when need to
Response	Return orders based on range and gives complete information on a selected order
Comments	Admin can input various ranges, or none.