Anthony Stanczyk
Muhammad Siddiqui
Caleb Habel
Keagen Reynolds
CSCI 467
3/6/24

Actors: Customer, Receiving Desk, Product/Warehouse Inventory System, Credit Card SYstem, Email System, Legacy DB, Warehouse Workers, Admin
Use Cases: Update Inventory, Order, View Catalog, Fulfill Order, Update Prices, Search Order

Anthony Stanczyk
Muhammad Siddiqui
Caleb Habel
Keagen Reynolds
CSCI 467
3/6/24

Actor	Description	Use Case (s)
Receiving Desk	Recieves item stock, sets the stock amount	Update Inventory
Product/Warehouse Inventory system	Can see and deduct inventory stock when an order is placed	Update Inventory Order
Customer	The person placing the order after viewing the catalog	View Catalog Order
Credit Card System	Responsible for handling payment relating to the order	Order
Email System	Responsible for tying the email to the order, allowing customer to view order progress	Order Fulfill Order
Legacy DB	Contains all information relating to orders, as well as what is currently for sale	View Catalog Order Fulfill Order Update Prices Search Order
Warehouse Workers	Responsible for Packaging and sending orders	Fulfill Order
Admin	Authorized employee that Can change the pricing and check on order progress	Search Order Update Prices

Anthony Stanczyk
Muhammad Siddiqui
Caleb Habel
Keagen Reynolds
CSCI 467
3/6/24

USE CASE DESCRIPTIONS:

Update Inventory	
Actors	Receiving Desk, Product/Warehouse Inventory System
Description	When items are delivered to the warehouse, the receiving desk updates the quantities in the inventory.
Data	Quantity ordered, quantity already on hand, part number
Stimulus	Receiving desk team initiates a quantity change.
Response	Quantity in the inventory system is changed
Comments	Each product is recognized by description or product number

View Catalog	
Actors	Customer, Legacy DB
Description	Customers use a custom ordering program to select products from a catalog.
Data	Product name, product description, product picture, product picture, product price, and product quantity.
Stimulus	Customer signs on to the ordering program.
Response	Legacy DB returns information on products.
Comments	

Anthony Stanczyk
Muhammad Siddiqui
Caleb Habel
Keagen Reynolds
CSCI 467
3/6/24

Order	
Actors	Customer, Credit Card System, Product/Warehouse Inventory System, Legacy DB, Email System
Description	Customers put in an order by selecting products from the legacy database, and they input their personal information and credit card information. Credit card information is authorized using the credit card system. Lastly an email is sent to the customer confirming the order. Order information is also put into the legacy database.
Data	Products chosen and their quantities, price, customer name, email, mailing address, credit card information
Stimulus	Customer selects products and puts in an order by providing their information.
Response	Credit card system authorizes the credit card, and order confirmation is sent to the customer.
Comments	

Fulfill Order	
Actors	Customer, Email System, Warehouse Workers, Product/Warehouse Inventory System, Legacy DB
Description	Warehouse workers receive order information from the legacy database. Warehouse workers then use the inventory system to retrieve the items necessary. Once the order is packed and shipped, an email is sent to customers to update them. Legacy DB is used to create the invoice using the set

Anthony Stanczyk
Muhammad Siddiqui
Caleb Habel
Keagen Reynolds
CSCI 467
3/6/24

	shipping and handling charges.
Data	Product information and quantity ordered, order weight, shipping charge
Stimulus	Order is received by the warehouse team.
Response	Warehouse team uses order information to pack and ship orders, and to also print the proper invoices.
Comments	Admin sets up shipping and handling charges.

Update Prices	
Actors	Admin, Legacy DB
Description	Administrator sets shipping and handling prices based on weight brackets.
Data	Prices, weight
Stimulus	Administrator inputs pricing change for certain weight brackets.
Response	Price on legacy database changes. This in turn changes the calculated price for future orders.
Comments	This function closely aligns with the order function.

Search Order	
Actors	Admin, Legacy DB
Description	Administrator searches for orders on the legacy database using the date range, status, and price.
Data	Date range, status, price

Anthony Stanczyk
Muhammad Siddiqui
Caleb Habel
Keagen Reynolds
CSCI 467
3/6/24

Stimulus	Administrator inputs information to search for orders.
Response	Legacy database returns orders fulfilling the administrator's request.
Comments	Once the orders are returned, selecting a specific order will provide more detail.