# ABC’s Inventory Management System

# Full Use Case Description

# Use-case: Manage Cart: End-goal

# **Brief Description**

**When** a warehouse staff or store staff

**Wants to** have a add or remove products in a cart

**They** add the product’s quantity or remove the product in the cart

**So that** the product can be added, or removed from the cart

# **Trigger**

The quantity of product is empty.

# **Actors**.

# **Store staff**

The store staff adds the quantity of the product or removes the product in request cart.

# **Warehouse staff**

The warehouse staff adds the quantity of the product or removes the product in the cart.

# **Related Use Cases**

The Warehouse staff/ Store staff must have completed the “Log In” sub-function use case

The “Search Product” use case may occur.

# **Pre-conditions**

# **The quantity of product is empty**

# **Store staff authenticated**

The warehouse staff/ store staff should have authenticated to the system before managing the cart.

# **Post-conditions**

# **Product added to the request cart**

The cart displays the product name and product quantity.

# **Product removed from the request cart**

The product name and product quantity will be removed from the request cart

# **Normal Flow**

The use case begins when a store staff/warehouse staff add the product to request cart.

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | 1. System display the buttons for selecting the function. |
| 1. Warehouse staff/ store staff click to the “Request Item” button. | 1. System display the search text field. |
| 1. Warehouse staff/ store staff search the product by the product code. | 1. System displays the searching product name, current quantity of this product and button “+” to add to the cart. |
| 1. Warehouse staff/ store staff click to “+” button. | 1. System display the cart with the product name and product quantity, “x” button next to the product quantity, destination of the request and “OK” button. |
| 1. Warehouse staff/ store staff modify the number of product quantity in the cart. |  |
| 1. Warehouse staff/ store staff choose the destination for the request cart |  |
| 1. Warehouse staff/ store staff click to “OK” button. | 1. System display the message to notify the actor “Request sent” |

The use case begins when a store staff/warehouse staff remove the product to request cart.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. Warehouse staff/ Store staff are in the cart site. | 1. System display the cart with the product name and product quantity, “x” button next to the product quantity, destination of the request, “Cancel” button and “OK” button. |
| 1. Warehouse staff/ store staff click to “x” button of which product they want to remove in the cart. | 1. System remove the product information such as product name and product quantity from the cart. |

The use case ends.

# **Key Scenarios**

# **Warehouse staff/ store staff cancel the cart**

The warehouse staff/ store staff can cancel the cart and the cart will be empty when create again

# **Other Quality Requirements**

# **Security**

Only the store staff or warehouse staff is allowed to request/ manage the cart.

# **Performance**

It should take less than 2 seconds to search the product once the product code is searched.