# 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** add or remove products in a cart

**They** click to the “Add Item” button in the View Item Page or “x” button next to the product information in the cart

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

## Trigger

The quantity of product is empty.

## Actors.

### 3.1 Store staff

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

### 3.2 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.

The “Send Stock”, “Request Items” are related.

## Pre-conditions

### 5.1The quantity of product is empty

### 5.2 Store staff/ Warehouse 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.

### 6.2 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. Warehouse staff/ store staff search the item by the product code from the search bar on the home page. | 1. System display the searching item code and item name. |
| 1. Warehouse staff/ store staff click to searched product code. | 1. System display the detail information of selected product such as product code, product name, size, quantity of the product in each store, “Add Item” Button and “ Cancel” Button. |
| 1. Warehouse staff/ store staff click to “Add Item” button. | 1. System add the selected product to the cart. 2. System direct to the Send/ Request Stock page with the adding product. |

The use case ends.

## Alternate Flows

### 8.1 Update the product in cart

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

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | 1. System displays the Send/ Request Stock page with the adding product information such as: item code, item name, item size, item quantity which is 1 as default, “update” button and “x” button next to each item, “Receiving location” dropdown box which contain the location user wants to request the stocks, read-only “Request Item” button, read-only “Send Item” button and “Cancel” button. |
| 1. Warehouse staff/ store staff click to “update” button of which product they want to update in the cart. | 1. System change the label of selected product quantity to text field for editing the number, the “update” button become the “ok” button. |
| 1. Warehouse staff/ store staff enters the desirable number. 2. Warehouse staff/ store staff click to the “ok” button. | 1. System changes the number of quantity. |

### 8.2 Remove the product in cart

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

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | 1. System displays the Send/ Request Stock page with the adding product information such as: item code, item name, item size, item quantity which is 1 as default, “update” button and “x” button next to each item, “Receiving location” dropdown box which contain the location user wants to request the stocks, read-only “Request Item” button, read-only “Send Item” button and “Cancel” 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. |

## Key Scenarios

### 9.1 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

### 10.1 Security

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

### 10.2Performance

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

### 10.3 Real time Management

When the staff add or deleted the products from the cart, the system must respond and store all the product details within 3 seconds.