# ABC’s Inventory Management System

## Use case: Send Stock: Generate Label

## Brief Description

**When** a staff

**Wants** to send stock to a location

**They** add items to a cart

**So that** the items can be recorded as sent to the desired location

## Trigger

The user hits the ‘Send Stock’ button

## Actors

## Store Staff

When a store staff wants to send stock to a location (warehouse or store), he/she clicks on the send stock button on the home screen to begin the use case.

## Warehouse Staff

When a warehouse staff wants to send stock to a store, he/she clicks on the send stock button on the home screen to begin the use case.

## Related Use Cases

Staff must be ‘Logged On’ to conduct this use case

Staff must ‘Manage Cart’ to add items that need to be sent to a location

## Pre-Conditions

## Items are added to a cart

Stock must be added to a cart so that the sending and delivery of those items can be arranged.

## User Logged in

The staff must be logged into their account.

## The location where the stock is sent must be selected

The staff must first select the location where the stock is delivered in order to add items to the cart.

## Post-Conditions

## Items removed

The items in the cart which has been sent to a location are removed from the sending location and new record is added to the delivery/request table in the database.

## Confirmation message

After the stock has been successfully sent, the system must display a message to the user for the confirmation of the delivery.

# Normal Flow

The use case begins when a staff member wants to send stocks to another location.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User clicks on the ‘Send Stock’ button on the home page. | 1. System displays the send stock page and prompts user to select location. |
| 1. User selects a location where the stock is being sent to. | 1. System notes which location the stocks are being delivered to and prompts user to add items to the cart. |
| 1. User adds the Description in the description box. |  |
| 1. User selects items to the stock using the search bar or table item displayed. |  |
| 1. User clicks ‘Add to cart’ button. | 1. System notes the details of the items that are added to the cart and enables the send stock button. |
| 1. User hits the ‘Send Stock’ button. | 1. System records the items in the cart in the delivery/request and requested/sent item table with their details, sending location, receiving location and date and product item. |
|  | 1. System displays the message as the stock is sent and the details are recorded in the delivery/request and requested/sent item table. |

The use case ends.

# Exception Flow

## User Cancels

If the user wants to cancel the delivery then,

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User hits the ’back’ button. | 1. System cancels the whole process and takes the user back to home page. |

## Product does not exist

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User search for the product with product item code | 1. System search for the product. If not found in the specific location, it displays a message as ‘Product does not exist’. |

# Key Scenarios

## Stock sent

The stocks are sent and reduced from the sending location’s inventory and a label with all delivery and barcode is generated.

## Stock not sent, user cancelled

The whole process is cancelled and the system goes sback to the default state in the send stock screen.

# Other Quality Requirements

## 8.1. Performance

The system must generate the label in less than 3 seconds.

## Security

The system must only allow staff members to send stock.

## Capacity

The system must handle at least 100 deliveries details that are being generated.

## Reliability

The system must generate label within 7 seconds when the send stock button is clicked.