# 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 another 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.

## 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

## Label is generated

A label containing information like sending store, receiving store, date, and barcode linking the parcel to the details of the contents is generated from the record in the delivery/request table which can be printed.

# 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 add 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 items to the stock using the + 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 generates a label containing details like sending location, receiving location, date and a barcode linking the label with the record in the delivery/request and requested/sent item table. |
| 1. User prints the label to stick it on the parcel being used to deliver the stock. |  |

The use case ends.

# Exception Flow

## User Cancels

If at step 6 of the normal flow, user wants to cancel the whole process, then

|  |  |
| --- | --- |
| **Actor** | **System** |
| 6.1. User hits the ‘Cancel’ button. | * 1. System cancels the whole process and prompts the user to select a location. |

# Key Scenarios

## Stock sent, label generated

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 back 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 the details of the delivery being generated.

## Reliability

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