# 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**

**Warehouse Staff**

## 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 adds receiving location details on the cart. | 1. System notes which location the stocks are being delivered to and displays the page with cart details, send stock button and |
| 1. User hits the ‘Send Stock’ button | 1. System records the items in the cart in the delivery/request table with their details, sending location, receiving location and date. |
|  | 1. System generates a label containing details like sending location, receiving location, date and a barcode linking the code with the details of the delivery including details about the contents of the delivery or cart. |
| 1. User prints the label to stick it on the parcel being used to deliver the stock. |  |

The use case ends.

# Alternate Flow

**User wants to cancel sending the stock**

|  |  |
| --- | --- |
| **Actor** | **System** |
|  |  |
|  |  |

# Exception Flow

**Location not available**

If at step 3 of the normal flow the location entered is not in the database, then

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | * 1. System cannot find the location details entered by the user in the database. |
|  | * 1. System displays error message and prompts the user to enter the details again. |
| * 1. User enters a valid location details. |  |

Normal flow resumes at step 4.

# Key Scenarios

1. Stock sent, label generated
2. Stock

# Other Quality Requirements

**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.