# ABC’s Inventory Management System

## Use case: Accept Stock: Update stock levels in database

## Brief Description

**When** a staff

**Wants** to accept stock transferred from another location

**They** click on the ‘Accept Stock’ button

**So that** the Accept Stock screen is loaded, and barcodes generated from sending location can be scanned and sent items can be accepted into the system (update database)

## Trigger

The user clicks on the ‘Accept Stock’ button.

## Actors

## Store Staff

When the store staff receives a parcel, which has been sent from another location, they log into their account and click on the accept stock button to start the use case.

## Warehouse Staff

When the warehouse staff receives a parcel, which has been sent from another location, they log into their account and click on the accept stock button to start the use case.

## Related Use Cases

A staff must ‘Send stock’ from the sending location and generate a label which has a barcode.

Staff ‘Scan Barcode’ when they are in the Accept stock screen to accept the stock sent from the sending location.

Staff must be ‘Logged In’ before they can accept stock.

## Pre-Conditions

## Goods sent

Goods are sent from the sending location with the label printed and stuck on the parcel containing the items sent.

## User Logged in

Staff is logged into their account.

# Post-Conditions

## Database updated

When stocks have been accepted, goods that have been sent from a location and recorded in the Delivery/Request table in the database is added to the location where the stocks are sent to (where the staff works at.)

# Normal Flow

The use case begins when user clicks on Accept stock on the home page

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects accept stock on home page. | 1. System displays accept stock page through where it prompts user to scan barcode. |
| 1. User scans barcode using scanner. | 1. System looks for the barcode and tries to match it with the records on the Requested/Sent Item table. |
|  | 1. System finds matching record on the Requested/Sent Item table and displays the details of the delivery and contents on the screen and prompts user to accept the stock into the system. |
| 1. User clicks on ‘Accept Stock’ button. | 1. System updates the database by adding sent product item to the current location. |

The use case ends.

# Exception Flows

## Scanned barcode does not match with any record on the Delivery/Request

If at step 4 of the normal flow the barcode does not match with any records on the Delivery/Request table.

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | 1. System displays a message saying no record of the delivery was found. |
|  | 1.2. System prompts user to scan barcode. |

## User wants to cancel accepting stock

If at step 5 of the normal flow user wants to cancel the whole process, then

|  |  |
| --- | --- |
| **Actor** | **System** |
| * 1. User clicks on the cancel button on the Accept Stock page. | * 1. System removes all information being displayed on the accept stock page and then prompts the user to scan barcode. |

# Key Scenarios

## Stock levels updated, barcode matches

The system updates the stock level of the location where the stock is sent to when the user hits the accept stock button.

## Barcode Scanned, does not match

The system cannot match the barcode to any delivery record.

## Barcode Scanned, matches, whole process cancelled.

The user cancels the whole process after the barcode is scanned by clicking on the cancel button.

# Other Quality Requirements

## Performance

The system must update the database within 3 seconds of user clicking on the accept stock button.

## Security

The system must not be accessible to anyone. Only when users log in with genuine username and password, the system should give the full control them to accept stock after authentication.