# 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 Delivery/Request table. |
|  | 1. System finds matching record on the Delivery/Request 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 stock 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 only allow users to accept stock once they are authenticated and logged in.