# ABC’s Inventory Management System

## Use case: Scan Barcode: Scan the barcode stuck on the label printed by a sending store

## Brief Description

When a staff

Wants to scan the barcode stuck on the label printed by a sending store

They scan the barcode on the parcel using a scanner

So that information about the contents of the parcel (items being sent) are known and ready to be updated in the database

## Trigger

The user uses the scanner to scan the barcode.

## Actors

**Store Staff**

**Warehouse Staff**

## Related Use Cases

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

Staff must have clicked on the ‘Accept stock’ option to scan the barcode on the label.

## Pre-Conditions

**Stocks are sent**

* Stocks must have been sent from a location and a label containing the barcode must have been generated and stuck on the parcel being sent.

**User Logged in**

* The staff is logged into their account.

## Post-Conditions

**Barcode is scanned**

Barcode is scanned from the parcel sent from a location allowing user to view details about the contents of the parcel.

# Normal Flow (Happy Day Scenario)

The use case begins when a member places their book in the return chute

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User scans barcode from the label on the sent parcel. | 1. System displays the delivery code of the parcel with the option to accept the contents to the system i.e. update the database. |

The use case ends.

# Exception Flows

**Barcode not readable**

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User scans barcode from the label on the sent parcel. | 1. System displays the read barcode but does not display the ‘Accept Stock’ button indicating the barcode does not match with any delivery. |

# Key Scenarios

1. Barcode Scanned, matches delivery code
2. Barcode Scanned, does not match any delivery code

# Other Quality Requirements

**Performance**

The system must scan, and display accept stock button and details button in less than 3 seconds.