# ABC’s Inventory Management System

# Full Use Case Description

Use-case: Report Faulty: End-goal

# **Brief Description**

**When** a warehouse staff or store staff

**Wants to** Add items to the faulty list when it is found to be damaged.

**They** click to the “Faulty Items” button in the home interface

**So that** the list of faulty items will be displayed and can add new faulty item to the list

# **Trigger**

The item is damaged/faulty and need to leave aside for returning to supplier.

# **Actors**.

# **Store staff**

The store staff add the faulty item to the faulty item list.

# **Warehouse staff**

The warehouse staff add the faulty item to the faulty item list.

# **Related Use Cases**

The Warehouse staff/ Store staff must have completed the “Log In” sub-function use case.

# **Pre-conditions**

# **Store staff/ warehouse staff authenticated**

The warehouse staff/ store staff should have authenticated to the system before managing the cart.

# **The product is available in system**

# **Post-conditions**

# **The item added to the faulty item list**

The selected items added to the faulty item list.

# **View the faulty items list**

The list of faulty items will be displayed after add the item to the list.

# **Normal Flow**

The use case begins when a store staff/warehouse staff adds faulty item to faulty item list.

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| --- | --- |
| **Actor** | **System** |
| 1. Warehouse staff/ store staff choose “Faulty Item” button from system home interface. | 1. System direct to the interface which displays a list of the faulty items, “x” next to each faulty item and “Add faulty item” button. |
| 1. Warehouse staff/ store staff click to “Add faulty item” button. | 1. System display the search bar to search item code to be added. |
| 1. Warehouse staff/ store staff search the item by item code. | 1. System display the searched item information such as item code, item description, the number of item faulty, “Cancel” button and “Add Faulty Item” button. |
| 1. Warehouse staff/ store staff enters the number of faulty item. 2. Warehouse staff/ store staff hits the “Add Faulty Item” button | 1. System displays the “Add Faulty Item Successful” and back to the list of faulty Item. |

The use case ends.

# **Alternate Flows**

# **Cancel Add Faulty Item**

The use case begins when a store staff/warehouse staff cancel to add the new faulty item.

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| --- | --- |
| **Actor** | **System** |
|  | 1. System display the searched item information such as item code, item description, the number of item faulty, “Cancel” button and “Add Faulty Item” button. |
| 1. Warehouse staff/ store staff click to “Cancel” button. | 1. System backs to the list of faulty item. |

# **Delete faulty item**

The use case begins when a store staff/warehouse staff remove the faulty item.

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| --- | --- |
| **Actor** | **System** |
|  | 1. System direct to the interface which displays a list of the faulty items, “x” next to each faulty item and “Add faulty item” button. |
| 1. Warehouse staff/ store staff click to “x” button to delete the selected faulty item from the list. | 1. System delete the selected faulty item’s information in the system. |

# **Key Scenarios**

# **Warehouse staff/ store staff cancel add faulty Item**

The warehouse staff/ store staff can cancel to view faulty item by hitting the “Cancel” button.

# **Warehouse staff/ store staff delete the report**

The warehouse staff/ store staff can delete faulty item’s information by hitting the “x” button.

# **Other Quality Requirements**

# **Security**

Only the store staff or warehouse staff is allowed to request/ manage the cart.

# **Performance**

It should take less than 2 seconds to search the product once the list is displayed.