# ABC’s Inventory Management System

## Full Use Case Description

### Use Case: Manage Products

### Brief Description

When a Product details

is needed to be updated, added or deleted

Warehouse Staff hits ‘Manage Product’ button.

### Triggers

When staff hits the ‘Manage Product’ button.

### Actors

#### Warehouse Staff

When the product is searched or reviewed by the warehouse staff and need to change any information, the warehouse staff clicks ‘Manage Product’ button to start.

### Related Use Cases

The Warehouse Staff must be ‘Logged In’ statues to modify any changes in the system.

### Pre- Condition

#### Staff must be authorised to take any action

The following staff who is handling the product must be an authorised staff in the company where the staff is logged in successfully.

### Post Condition

#### Product details are added

All the required information related to the product are added.

#### Product are updated.

### Normal Flow

### Add Product

When the user needs to add a new product with its detail in the database.

|  |  |
| --- | --- |
| Actor | System |
| 1. User selects the ‘Manage Product’ button in the home screen. | 1. System displays to user to select whether the product is to allow update, add or delete. |
| 1. User selects ‘Add New Product button. | 1. System prompts the user with the new page containing blank text field to fill up with product detail. |
| 1. User enter the information of the new product. |  |
| 1. User clicks ‘Add Product’ button after filling the details. | 1. System then generates a new unique Product Code which is assigned to the new product and saves it into the database. |
|  | 1. Displays the message to ensure the product is saved successfully. |

### Exceptional Flow

#### Product not added to the system

The product that a user trying to add is not accepted by the system due to some missing information.

|  |  |
| --- | --- |
| Actor | System |
| 1. User enter the details of the product | 2. System checks through the product details |
|  | 3. System prompts as new product not accepted due to some issues in details. |

### Key Scenario

#### Product managed, updated product details

Product details are updated when the user changes any detail of the existing product.

#### Product managed, added new product

New Item is listed to the database as a selling Product for the company. All the product details are manually added by the user.

#### Product managed, delete product details

The unwanted product is deleted from the database by the use of ‘X’ button.

### Other Quality Requirements

#### Performance

Any changes done by the user must be updated to the system using real time sharing.

#### Usability

Any action taken by the user for managing the product, system is required to display an appropriate message such as ‘Successfully Updated’, ‘Product Nit Found’, etc. to let user keep track in their process.