# ABC’s Inventory Management System

## Full Use Case Description

### Use Case: Search Products

### Brief Description

**When** a warehouse staff or a store staff

**Want to** retrieve any information relating to the product

**They** click the search bar from the home page

**By entering Product Code** of the desired product.

### Trigger

When staff need to get some information on a specific product.

### Actors

#### Warehouse Staff

#### 3.2 Store Staff

Both the Staffs uses same home page having same searching option for searching the product details in the system.

### Related Use Cases

#### Manage Product

The Product must be added to the system by Warehouse staff before any staff can search for the product in the system.

#### Manage Cart

The product that are needed to be requested, those products are searched with the searched product to find the requesting products.

### Pre- Condition

#### Successful Logged In

For the staff to search any product, staff must enter the authorized username and password so that they can successfully enter to the system for searching.

#### Correct product code

To find the correct Product details, staff must enter the Product code exactly what the product is assigned to.

### Post- Condition

#### Limitation to Store Staff

The information retrieve is only to be display (read only). That means, the store staffs are unable to make any changes to the details.

#### Warehouse Staff function

Warehouse staff is eligible to make any changes according to the requirement.

### Normal Flow

#### 7.1 Searching for the product

|  |  |
| --- | --- |
| Actor | System |
| 1. Search product with the Product Code. |  |
|  | 1. Retrieve Product Code and check through the database. |
|  | 1. If found, the information is displayed on the screen. |

### Exceptional Flow

#### 8.1 Product not Found

|  |  |
| --- | --- |
| Actor | System |
| 1. Search product entering a Product Code. |  |
|  | 1. Retrieves the Product Code and checks in the database. |
|  | 1. If the Product Code is not matched i.e. product not found, system displays the message as ‘Product cannot be found’. |

### Key Scenario

#### System displaying the information of the product

The system displays all the updated details to the user when the correct Product Code of the product is entered.

### Other Quality Requirements

#### Real Time Information

The Details displayed in the screen should the actual data that is updated during the search process. The system must perform the recheck of the detail before displaying it to the user.

#### Performance

System should not take more that 3 seconds to list the product detail in the screen.