# 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 a staff is searching for some information about a particular 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. Actor clicks ‘Search Product’ Button. | 1. Opens the search product page. |
| 1. Actor search product with the Product Code. |  |
|  | 1. Retrieve Product Code and check through the database. |
|  | 1. If found, the product information is displayed on the screen. |

### Exceptional Flow

#### 8.1 Product not Found

|  |  |
| --- | --- |
| Actor | System |
| 1. Actor clicks ‘Search Product’ Button. | 1. Opens the search product page. |
| 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 does not exist’. |

### Alternative Flow

#### 9.1 When a product code consists further product item details as Product Code item.

|  |  |
| --- | --- |
| Actor | System |
| 1. Actor clicks ‘Search Product’ Button. | 1. Opens the search product page. |
| 1. Actor search product with the Product Code. |  |
|  | 1. Retrieve Product Code and check through the database. |
|  | 1. If found, the product information is displayed on the screen. |
| 1. Actor clicks ‘View Product item’ | 1. Opens new page showing product item code respective to their sizes. |

#### 9.2 To view additional detail of the restive product item code that shows quantity of the product to the respective location.

|  |  |
| --- | --- |
| Actor | System |
| 1. Actor clicks ‘Search Product’ Button. | 1. Opens the search product page. |
| 1. Actor search product with the Product Code. |  |
|  | 1. Retrieve Product Code and check through the database. |
|  | 1. If found, the product information is displayed on the screen. |
| 1. Actor clicks ‘View Product item’ | 1. Opens new page showing product item code respective to their sizes. |
| 1. Actor clicks ‘View product location and quantity of the product’. | 1. Opens a new page table containing the further details of the product as Quantity, Location ID, Location Name, Address and Phone Number. |

### Key Scenario

#### System displaying the information of the product

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

### 10.Other Quality Requirements

#### Real Time Information

The details that are displayed in the screen must be the latest data from the database. Whenever a staff updates any product information, the database must update the data instantly.

#### Performance

System should not take more that 2 seconds to list the product detail in the screen.