# ABC’s Inventory Management System

## Full Use Case Description

### Use Case: Log In/ Out

#### Brief Description

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

**wants** to access their accounts in the system or wants to terminate the execution of the account

**they** can Log in or Log out from the system.

#### Trigger

Staff enters account details in system interface to log into his/her account.

Staff clicks log out button from the home screen.

### Actors

#### Warehouse Staff

Warehouse staff logs in into their account to view the product or staff’s details and manage them accordingly.

#### 3.2 Store Staff

Store staff logs in into their account to search for the product desired from the database.

### Related Use Case

### Pre- Conditions

#### 5.1 Valid Username

The staff needs to get their unique username and password provided by the company which will be used to access the company’s database.

### Post Conditions

#### 6.1 Allocating separate interface between Warehouse and Store Staff

After successful log in access, staff are allowed to execute any task desired. But the Store Staff will be given limited functions such as: ‘Search Product’, ‘Accept Product’, ‘Generate Report’. Whereas Warehouse Staff will be given full authority of all actions.

### Normal Flow

#### 7.1User enters the log in details to access the system.

|  |  |
| --- | --- |
| Actor | System |
| 1. Open Log In interface. |  |
| 1. Enters the Log In details. | 1. System searches the account inside the database |
|  | 1. Find account and compare the details, if matches the system allows to enter inside the company’s system. |

### Alternative Flow

#### When and active user wants to log out from the system

|  |  |
| --- | --- |
| Actor | System |
| 1. Clicks the ‘Home Page’ button. | 1. System takes back to the home page of the application. |
| 1. Actor clicks ‘Logout’ button | 1. System prompts user as ‘Confirm Log out?’ |
| 1. Selects ‘Yes’ button |  |
|  | 1. System terminates all the operation and logs out the user displaying the Login interface. |

### Exceptional Flow

#### When the user enters incorrect or unauthorized login details

|  |  |
| --- | --- |
| Actor | System |
| 1. Open Log In interface |  |
| 1. Enters the Log in details |  |
|  | 1. System searches the account inside the database. |
|  | 1. System is unable to find the account. |
|  | 1. Alerts the user of unsuccessful Log In by displaying “Username and Password does not match.”. |

### Key Scenario

#### Log In successful

The details that the user entered in the interface as displayed. The system will search the details in the database and finds the match with the Log In details provide. If matched, the system displays the home page of the interface.

### 10. Other Quality Requirements

#### 10.1 Security

The database must be kept away from any unauthorised sources. The Company’s and employer’s personal details are encrypted in SHA-512 for higher level protection. After a staff logs out, the system must close the account within 2 seconds.

#### 10.2Performance

The user must be able to access the home page when the system analyses the data provided by the user. This action should complete less than 3 seconds.