# 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.

### Actors

#### Warehouse Staff

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

#### 3.2 Store Staff

Store staff log 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 ay task to be completed. But, the Store Staff will have limited functions that can be implemented such as ‘Manage Product’, ‘Add new Staff’, etc. Whereas Warehouse Staff will have full authority to do so.

### Normal Flow

User 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. |
| 1. Enters the details in the interface of the system. |  |

### Exceptional Flow

|  |  |
| --- | --- |
| 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 a message. |

### Key Scenario

#### Log In successful

The details that the user entered in the interface as displayed. The system will search and finds the match with the Log In details from database and displays the home page of the company’s system interface.

### 10. Other Quality Requirements

#### 10.1 Security

The database must heavily be secured from any unauthorised sources. The Company’s and employer’s personal details should be encrypted 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 5 seconds.

#### 10.3Real- time management

The system must be updated with the email sent by any staffs in 2 seconds. That means, whenever staffs are logged into their account they must get updated while they are using it. System should be responsible for real- time management.