# ABC’s Inventory Management System

# Use Case: Manage Staff: Add staff details

# Brief Description

**When** new employee details

**Must** be added

**Warehouse Staff** hits the ‘Manage Staff’ button

**So that** they can add staff account

# Trigger

Warehouse staff clicks the ‘Manage Staff’ button

# Actors

## Warehouse Staff

When a new employee joins or an existing employee’s details must be changed, the warehouse staff clicks on the ‘Manage Staff’ button on the home page which is only available for ware house staff.

# Related Use Cases

The warehouse staff must be ‘Logged In’ to manage staff.

# Pre-conditions

## Warehouse Staff authenticated

The staff logged in must be authenticated and recognized as a warehouse staff before being able to manage staff details.

# Post-conditions

## Staff details are added

If new staff member is added, details about the new staff member are added in the database.

# Normal Flow

## Add new Staff

The use case begins when user selects the ‘Manage Staff’ button on the home screen.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects ‘Manage Staff’ button on the home screen | 1. System displays the manage staff screen displaying all staff details allowing user to edit, add or delete staff account. |
| 1. User selects the ‘+’ button displayed above the search bar. | 1. System displays the add new staff screen and prompts user to enter all the necessary details required like name, phone number, working location (For example: store), and so on. |
| 1. User enters all the required details of the staff. |  |
| 1. User selects the ‘Add new staff’ button. | 1. System validates the information entered by user. |
|  | 1. System displays message “The Staff is added”. |

The use case ends.

# Alternative Flow

## Cancel Add Staff Function

When user wants to cancel the process of add staff.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects ‘Manage Staff’ button on the home screen | 1. System displays the manage staff screen displaying all staff details allowing user to edit, add or delete staff account. |
| 1. User selects the ‘+’ button displayed above the search bar. | 1. System displays the add new staff screen and prompts user to enter all the necessary details required like name, phone number, working location (For example: store), and so on. |
| 1. User clicks ‘Back’ button. | 1. System opens the ‘Add Staff’ page terminating the process. |

# Exceptional Flow

When user enters invalid details.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects ‘Manage Staff’ button on the home screen | 1. System displays the manage staff screen displaying all staff details allowing user to edit, add or delete staff account. |
| 1. User selects the ‘+’ button displayed above the search bar. | 1. System displays the add new staff screen and prompts user to enter all the necessary details required like name, phone number, working location (For example: store), and so on. |
| 1. User enters all the required details of the staff. |  |
| 1. User selects the ‘Add new staff’ button. | 1. System validates the information entered by user. |
|  | 1. System display a message suggesting to fill correct information. The invalid information is circled with re color. |

# Key Scenarios

## Staff managed, new staff added

New staff account and details are added to the database when user enters all the required details and clicks on add staff button.

# Other Quality Requirements

## Security

Only users who have been authenticated as warehouse staff must be allowed to make changes to staff account.

## Performance

Updates to the database must be made in under 3 seconds and appropriate messages should be displayed after the database is updated.

## Usability

Appropriate messages should be displayed indicating success or failure of completion of tasks like ‘Staff added’ when new staff is added to the database.

# Use Case: Manage Staff: Edit staff details

# Brief Description

**When** employee details

**Must** be updated

**Warehouse Staff** hits the ‘Manage Staff’ button

**So that** they can edit staff account

# Trigger

Warehouse staff clicks the ‘Manage Staff’ button

# Actors

## Warehouse Staff

When a new employee joins or an existing employee’s details must be changed, the warehouse staff clicks on the ‘Manage Staff’ button on the home page which is only available for ware house staff.

# Related Use Cases

The warehouse staff must be ‘Logged In’ to manage staff.

# Pre-conditions

## 5.1Warehouse Staff authenticated

The staff logged in must be authenticated and recognized as a warehouse staff before being able to manage staff details.

# Post-conditions

## Staff details are updated

Necessary updates for required staff member is done.

# Normal Flow

## 7.1 Manage staff

The use case begins when user selects the ‘Manage Staff’ button on the home screen.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects ‘Manage Staff’ button on the home screen | 1. System displays the manage staff screen displaying all staff details allowing user to edit, add or delete staff account. |
|  | 1. System prompts user to select or search for the desired staff account. |
| 1. User searches for the desired staff’s name or username. | 1. System looks up the staff details entered in the database. |
|  | 1. If the staff details entered matches with a record in the database, the system displays the staff’s name, and username and prompts the user to select the staff. |
| 1. User selects ‘Update details for this staff’ button. | 1. System displays all the details of the selected staff also allowing user to make changes to the details. |
| 1. User makes necessary changes to the details of the staff and clicks on “Update Staff” button. | 1. System updates the details in the database. |
|  | 1. System displays the initial Manage Staff screen displaying message” Staff has been successfully updated!”. |

The use case ends.

# Alternate Flow

## 8.1Cancel update

When user does not want to update the information after proceeding in the ‘Edit detail’ page.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects ‘Manage Staff’ button on the home screen | 1. System displays the manage staff screen displaying all staff details allowing user to edit, add or delete staff account. |
| 1. User selects the ‘Update details for this staff’ button displayed in the list | 1. System displays a new page with existing data which are changeable. |
| 1. User clicks ‘Back’ button. | 1. System opens the ‘Add Staff’ page terminating the process. |

# Exception Flows

## Searched staff does not exist

If at step 4 of the normal flow, the staff details entered does not match with any records in the database then

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | 1. System displays the initial Manage staff screen with a message saying, ‘Staff does not exist.’ |

# Key Scenarios

## Staff managed, staff details edited

Staff details are updated in the database when the user makes necessary changes to details like name, address, and so on.

# Other Quality Requirements

## Security

Only users who have been authenticated as warehouse staff must be allowed to make changes to staff account.

## Performance

Updates to the database must be made in under 2 seconds and appropriate messages should be displayed after the database is updated.

## Usability

Appropriate messages should be displayed indicating success or failure of completion of tasks like ‘Staff does not exist’ when the searched staff is not found in the database.

# Use Case: Manage Staff: Delete staff details

# Brief Description

**When** existing employee account

**Must** be deleted

**Warehouse Staff** hits the ‘Manage Staff’ button

**So that** they can delete staff account

# Trigger

Warehouse staff clicks the ‘Manage Staff’ button

# Actors

## Warehouse Staff

When a new employee joins or an existing employee’s details must be changed, the warehouse staff clicks on the ‘Manage Staff’ button on the home page which is only available for ware house staff.

# Related Use Cases

The warehouse staff must be ‘Logged In’ to manage staff.

# Pre-conditions

## Warehouse Staff authenticated

The staff logged in must be authenticated and recognized as a warehouse staff before being able to manage staff details.

# Post-conditions

## Staff and staff details are deleted

If a staff member deletion option is selected, a staffs account and all other details are deleted from the database.

# Normal Flow

## Delete Staff

When a user wants to delete a certain user account from the database.

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects ‘Manage Staff’ button on the home screen | 1. System displays the manage staff screen displaying all staff details allowing user to edit, add or delete staff account. |
|  | 1. System prompts user to select or search for the desired staff account. |
| 1. User searches for the desired staff’s name or username. | 1. System looks up the staff details entered in the database. |
|  | 1. If the staff details entered matches with a record in the database, the system displays the staff’s name and username and prompts the user to select the staff. |
| 1. User selects the ‘Delete’ button to delete the user account along with their details | 1. System prompts a message box whether user wants to delete the account. |
| 1. User clicks “Yes” button. | 1. System deletes staff account from the database. |
|  | 1. System displays the initial Manage Staff screen displaying an appropriate message. |

The use case ends.

# 8.Alternate Flow

## Staff name is already displayed

If at step 3 of the normal flow, the desired staff’s name is already displayed on the list then

|  |  |
| --- | --- |
| **Actor** | **System** |
| 1. User selects the desired staff already displayed on the list. |  |

Normal flow resumes at step 7.

# 9.Exception Flows

## Searched staff does not exist

If at step 4 of the normal flow, the staff details entered does not match with any records in the database then

|  |  |
| --- | --- |
| **Actor** | **System** |
|  | 1. System displays the initial Manage staff screen with a message saying, ‘Staff does not exist.’ |

# Key Scenarios

## Staff managed, staff deleted

Staff account deleted from the database when user selects the ‘X’ button after searching for the staff.

# Other Quality Requirements

## Security

Only users who have been authenticated as warehouse staff must be allowed to make changes to staff account.

## Performance

Updates to the database must be made in under 2 seconds and appropriate messages should be displayed after the database is updated.

## Usability

Appropriate messages should be displayed indicating success or failure of completion of tasks like ‘Staff deleted’ when the staff account is deleted.