**Use-Case Specification: Add Ingredient**

1. Delete menu items
   1. Brief Description

This use case diagram describes how the warehouse manager uses the app to add ingredient

Primary actor: Warehouse manager

1. Flow of Events
   1. Basic Flows

a.1. Warehouse manager chooses *“add ingredient”*

The use case started when the warehouse manager clicks the add button while viewing the stock list in the “Stock” tab

a.2. Warehouse manager inputs information

At this point, the system will display fields for warehouse manager to input (name & description). When done, he/she press *OK* to continue.

a.3. Warehouse manager confirmations

The system will display a warning message, confirms the warehouse manager’s choice

a.4. System adds the menu item

The system will add the ingredient and save in the database.

* 1. Alternative Flows

b.1. Quit / Logout

At any time, the system will allow the warehouse manager to quit or log out. If he/she chooses to quit, the use-case ends and nothing will be updated.

b.2. Warehouse manager doesn’t confirm

In the 3rd step of the basic flow, if the warehouse manager click the cancel button, the system will not add the item, and the use case will end.

b.3. Server unavailable

At any time, the system may lose connection to the server, the warehouse manager can *choose to reconnect or to quit*. If the warehouse manager chooses to quit, the use case end. If the warehouse manager chooses to reconnect, the system will reconnect to the sever, if success, continue, otherwise retry this step.

b.4. Unauthorized user

In the 1st step of the basic flow, if the user is not a warehouse manager, the update button will not appear, indicate that the use-case can’t be started.

1. Key Scenario

1/ Update item: Basic flow

2/ Cancel update: Basic flow, b.1/b.2

3/ Server unavailable: Basic flow, b.3

4/ Unauthorized user: Basic flow, Unauthorized user

1. Preconditions

Warehouse manager is logged on

The system is connected to the server

1. Postconditions

Success condition: An item is added.

Failure condition: No item is added.