**Use-Case Specification: Create Menu Items**

1. Delete menu items
   1. Brief Description

This use case diagram describes how the warehouse manager uses the app to create menu items.

Primary actor: Warehouse manager

1. Flow of Events
   1. Basic Flows

1/ Warehouse manager chooses “create a menu item”

The use case started when the warehouse manager click the add button while viewing the menu in the “Menu” tab

2/ Warehouse manager inputs information

At this point, the system will display a dialog with fields to input, the warehouse manager can add information (name, status, ingredient, price, description). When done, he/she press OK to continue.

3/ Warehouse manager confirms choices

The system will show a warning message. The warehouse manager press OK to continue and the system will add that chosen menu items in the database.

* 1. Alternative Flows

A1/ 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.

A2/ 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.

A3/ Unauthorize user

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

A4/ Staff inputs duplicate name / doesn’t input the required field

In the 2nd step of the basic flow, if the warehouse manager name the item so that its name duplicates with other item name or he/she doesn’t input the required field, the system displays an error message & asks the user to retry.

A5/ Cashier not confirms

In the 3rd step of the basic flow, if the cashier doesn’t press the confirm button, the use case ends.

1. Key Scenario

1/ Add item: Basic flow

2/ Cancel: Basic flow, A1/A2/A5

3/ Server unavailable: Basic flow, A3

4/ Unauthorized user: Basic flow, Unauthorize user

5/ Input error: Basic flow, A4

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.