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

1. Delete menu items
   1. Brief Description

This use case diagram describes how the Warehouse manager uses the app to update menu items.

Primary actor: Warehouse manager

1. Flow of Events
   1. Basic Flows

1/ Warehouse manager chooses “update a menu item”

The use case started when the warehouse manager click on a menu item and then click the update button at bottom of the menu management window.

2/ Warehouse manager makes changes

At this point, the system will display the detailed version of that menu item in textboxes, the warehouse manager can change any information he/she wants. When done, he/she press “Update item” to save changes.

3/ System saves the menu item

The system will update that chosen menu items and save 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 update button will not appear, indicate that the use-case can’t be started.

A4/ Staff delete menu item name/duplicate name

In the 2nd step of the basic flow, if the warehouse manager accidentally delete the menu item name or change the name so that it duplicates with other item name, the system displays an error message & the use-case ends.

1. Key Scenario

1/ Update item: Basic flow

2/ Cancel update: Basic flow, A1

3/ Server unavailable: Basic flow, A3

4/ Unauthorized user: Basic flow, Unauthorize user

5/ Input error: Basic flow, delete/duplicate name

1. Preconditions

There is at least 1 available item in the menu

Warehouse manager is logged on

The system is connected to the server

1. Postconditions

Success condition: An item is updated.

Failure condition: No item is updated.