**Use-Case Specification: Add Books**

1. **Delete menu items**
   1. **Brief Description**

This use-case diagram describes how the stock manager uses the app to add books.

Primary actor: Stock manager

1. **Flow of Events**
   1. **Basic Flows**

**a.1. Stock manager chooses *“Add books”***

The use-case started when the stock manager click *“Add”* while viewing the book menu by pressing the “Book” tab on the side menu.

**a.2. Stock manager inputs information**

At this point, the system will display a dialog with fields to input, the stock manager can add any information he/she wants. When it’s done, he/she press *“OK”* to continue.

**a.3. System adds menu items**

The system will add the chosen menu items to database.

* 1. **Alternative Flows**

**b.1. Quit / Logout**

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

**b.2. Server is unavailable**

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

**b.3. Unauthorized user**

In the 1st step of the basic flow, if the user is not a stock manager, the *“Add”* button will not appear, indicates that the use-case can’t be started.

**b.4. Staff inputs duplicate ID / doesn’t input the required fields**

In the 2nd step of the basic flow, if the stock manager doesn’t input the required field or he/she input fields that the book ID is duplicate with others, the system displays an error message & asks the user to retry.

1. **Key Scenario**

* Add item: Basic flow
* Cancel: Basic flow, b.1/b.2
* Server unavailable: Basic flow, b.3
* Unauthorized user: Basic flow, Unauthorized user
* Input error: Basic flow, b.4

1. **Preconditions**

* Stock management staff is logged on
* The system is connected to the server

1. **Postconditions**

* Success condition: A book is added.
* Failure condition: No book is added.