**Use-Case Specification: Add VIP**

1. Add VIP
   1. Brief Description

This use case diagram describes how the cashier uses the app to store a VIP guest information on the system.

Primary actor: Cashier

1. Flow of Events
   1. Basic Flows

1/ Cashier chooses “Add VIP”

The use case started when the cashier chooses the “VIP” tab in the side menu, then click on “Add” button displayed on the screen.

2/ Cashier add VIP information

The system allows the cashier to input information of that VIP guest, he/she will input information (Full name, date of birth, gender, civilian ID, occupation, phone number & address) & presses “Add VIP” to continue.

3/ Cashier confirms choices

The system displays a warning message, ask if the cashier wants to add the chosen item. The cashier press OK & VIP information will be stored

* 1. Alternative Flows

A1/ Quit / Logout

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

A2/ Cashier doesn’t confirm

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

A3/ Server unavailable

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

A4/ Unauthorize user

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

A5/ Data error

In the 2nd step of the basic flow, if the cashier doesn’t input the required information or the information contains conflicts, the system displays a warning message, ask the user to retry.

1. Key Scenario

1/ Delete book: Basic flow

2/ Cancel delete: Basic flow, A2

3/ Server unavailable: Basic flow, A3

4/ Unauthorized user: Basic flow, Unauthorize user

5/ Data error: Basic flow, data error.

1. Preconditions

Cashier is logged on

The system is connected to the server

1. Postconditions

Success condition: A VIP guest is added to the system.

Failure condition: No VIP guest is added to the system.