**Use-Case Specification: Search Orders**

1. Search transaction history
   1. Brief Description

This use case diagram describes the procedure of a staff using the system to search an order in queue (not yet served)

Primary actor: Staff

1. Flow of Events
   1. Basic Flows

1/ Staff chooses “Search order”

The use case started when the staff click on the tab “Order” on side menu, the system displays a list of orders. There is a search box for searching (by order ID or VIP ID)

2/ Staff inputs text & press enter

The staff can input any search phrases he/she wants, then press “Enter” to start searching.

3/ The system displays search results

The system searches the database for the matching results, then shows results on the screen.

* 1. Alternative Flows

A1/ Quit / Logout

At any time, the system will allow the staff to quit or log out. If he/she chooses to quit, the use-case ends immediately.

A2/ No data input

In the 2nd step of the basic flow, if the staff doesn’t input anything into the search box, then nothing happened & the use case ends.

A3/ Server unavailable

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

1. Key Scenario

1/ Basic search: Basic flow

2/ No data inputs: Basic flow, A2

3/ Server unavailable: Basic flow, A3

1. Preconditions

Staff is logged on

The system is connected to the server

1. Postconditions

Success condition: A search result is displayed in the screen.

Failure condition: No search result is displayed in the screen