**Use-Case Specification: Print Statistical Report**

1. Print Statistical Report
   1. Brief Description

This use case diagram describes how the manger uses the app to view statistical report.

Primary actor: Manager

1. Flow of Events
   1. Basic Flows

1/ Manager chooses “Print Report”

The use case started when the manager chooses the tab “Transaction history”, then press the “Generate report”

2/ Manager chooses type of report

The system displays some type of report (), the manager chooses 1, then press OK to continue.

3/ View report

The system will access the database to create & display a report

* 1. Alternative Flows

A1/ Quit / Logout

At any time, the system will allow the 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 manger can choose to reconnect or to quit. If the manger chooses to quit, the use case end. If the manger 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 manger the button will not appear, indicate that the use-case can’t be started.

1. Key Scenario

1/ View report: Basic flow

2/ Quit: Basic flow, A1

3/ Server unavailable: Basic flow, A2

4/ Unauthorized user: Basic flow, Unauthorize user

1. Preconditions

Manager is logged on

The system is connected to the server

1. Postconditions

Success condition: A report is shown on the screen.

Failure condition: No report is shown.