Homework 02 – RequirementAnalysis-02

1. Given the more requirement of the Internet Banking System:
   a. Both Customers or Bank officers need to log in to use the software. They may view their own personal information, change password or log out to terminate their sessions.
   b. The following description is for the "Transfer to an external account" use case. After entering this function, the customer select the destination bank and enter a destination account. The software ask the Bank consortium to display the information of the destination account (i.e. Account holder, bank branch). The customer enter the amount to be transfered and request to transfer. The software checks the customer balance if the funds are insufficient. If insufficient, notifies "Insufficient Funds". Otherwise, the software sends OTP (One-time password) to customer. Customer enter the OTP and confirm to transfer. The software verifies if the OTP number is valid. If valid, the software asks the bank consortium to process the transfer to the destination account, add a new transaction history and decrease the transfer amount the customer account. The software notifies successfully transfer.
   c. For the "Transfer to an internal account" use case, the customers do not need to select the destination bank, only enter a destination account. The software does not need to request the Bank consortium to either get account information or the process the transfer transaction.
   d. For all other transactions, customers also need to enter OTP to confirm the transaction, except inquiries. You can try an internet banking software of a Vietnamese bank, such as VIB, VCB.
2. Design the following items using Astah for the Internet banking system:
   a. Re-draw the Use case diagram
   b. Each member in the group need to do the specification for one common use case (e.g. log in, change password), and one business use case (e.g. transfer to an external account, pay electric receipt, create an online saving).
   c. Complete the SRS following the template and sample.