Homework 01 – RequirementAnalysis-01

1. Given the following problem statement of the Internet Banking System:
   a. The internet banking system, allowing interbank network, communicates with bank customers via a web application. To perform transactions, customers have to log in the software. Customers may change password or view personal information.
   b. Customers can select any of transaction types: transfer (internal and in interbank network), balance inquiries, transaction history inquiries, electric receipt payment (via EVN software), online saving.
   c. In the transfer transaction, after receiving enough information from the customer, the software asks the bank consortium to process the request. The bank consortium forwards the request to the appropriate bank. The bank then processes and responses to the bank consortium which in turn notifies the result to the software.
   d. The bank officers may create new account for a customer, reset password, view transaction history of a customer.
2. Design the following items using Astah for the Internet banking system:
   a. Use case diagram
   b. Glossary of the Internet banking system: Define some common terminologies in the system.
   c. Activity diagram for business processes of the Internet banking system. There may be several business processes in the system. A business process may include some use cases and some manual operations.
3. Study and make a report which clarify:
   a. Relationships between actors: generalization, association
   b. Relationships between use cases: include, extend, generalization