# THE BANKING SYSTEM

Requirements Elicitation

Overview

A mock interview was conducted with the client (module lecturer) to collect information on both functional and non-functional requirements. The session was based on asking a variety of questions regarding the system. The main goal of this interview was to have a clear understanding of what the client wants as the system analyst.

Functional Requirements

The system must be able to;

* Permit a customer to open an account with a bank.
* Allow customers to open any account of their choice.
* Have a form of authentication before giving the customer any access to the system.
* Have processes that effectively include all functions relating to the opening and maintenance of accounts.
* Allow customers to make deposits in any of the accounts
* Have an automated interest calculation
* Allow withdrawal of funds
* Generate and allow viewing of transaction history

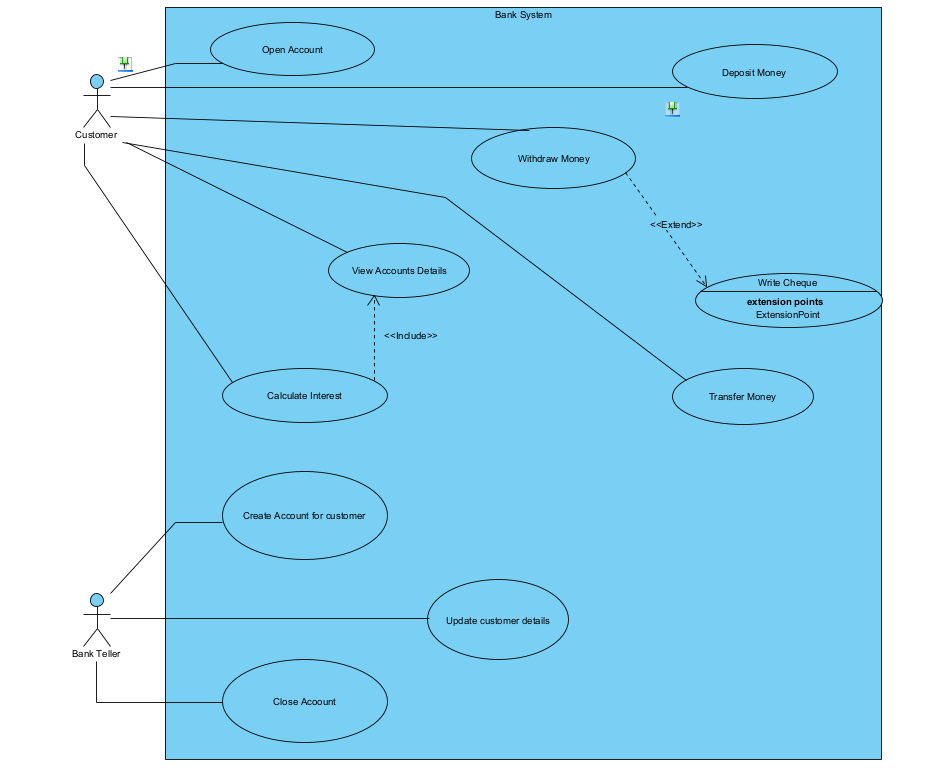
Non-functional Requirements

The system should have;

* Performance: should be fast and efficient
* Usability: should be easy to use for customers
* Security: system should be protected from unauthorized access

Structural UML Diagram

System Use Case Diagram

**

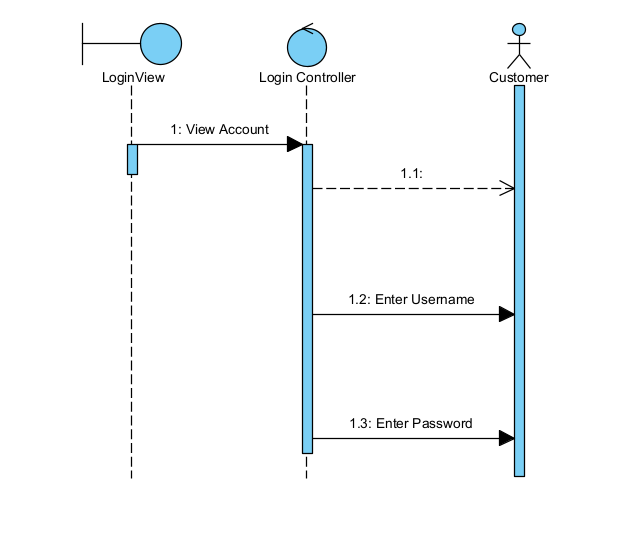
Class Diagram

*A diagram of a computer

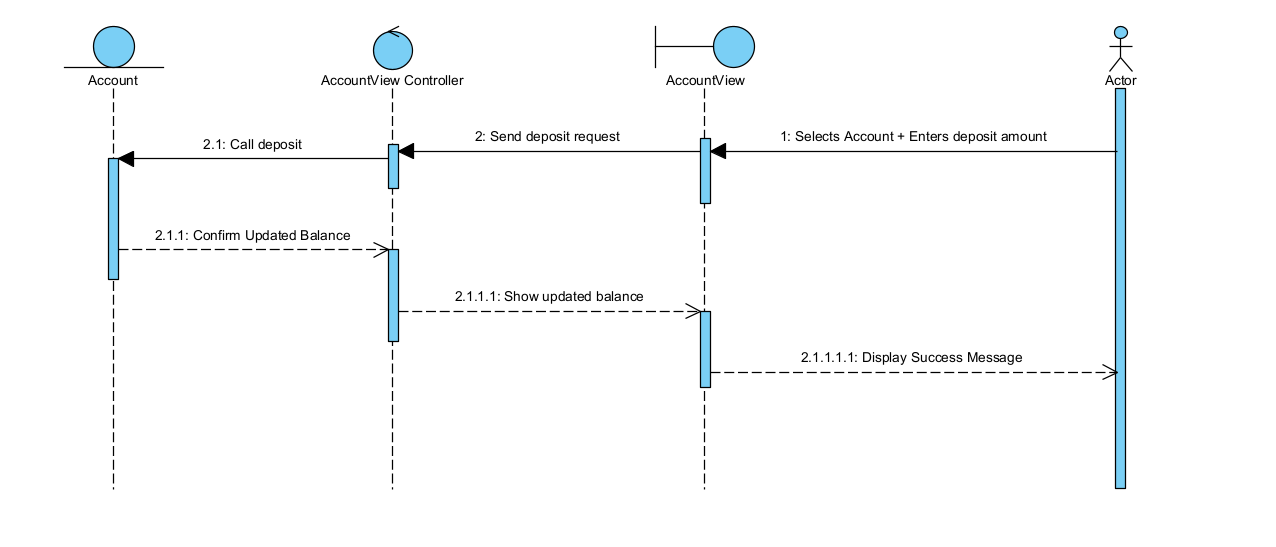
AI-generated content may be incorrect.*

Behavioural Modelling

Login Sequence Diagram



Deposit Sequence Diagram

**

Meeting Record Appendix

Q1. Does monthly interest require huma approval or should it be fully automated?

* It should be fully automated

Q2. What customer information is critical to capture

* It should be something you can tell as a system analyst

Q3. Does system support multiple users at the same time

* Not part of the assignment

Q4. What currency should be used?

* Any that the system analyst chooses

Q5.Does the system generate any reports?

* No