

# **Use Case Document**

Group 3 - Banking

## Revision History

[illegible]

**Use Case ID:** UC-001{This should be coded to identify the level of the use case}

**Use Case Name:** Login {Short descriptive phrase}

**Relevant Requirements:** See SRS 3.1 {Reference to relevant requirements document.}

**Primary Actor:** Employees and Clients {Main sub-system/entity that initiates use}

**Pre-conditions:** Establish a connection with the server.{Requirements on the state of the system prior to this use being valid.}

**Post-conditions:** User gains access to the Employee System. {This describes the state of the system following the successful completion of this use. Effects on other systems and actors may also be described.}

**Basic Flow or Main Scenario:**

1. Establish connection with the server
2. System prompt user to log in as client or employee
3. User initiates an action by choosing to log in as an employee.
4. System responds by prompting the user to input login information.
5. User responds by inputting login information
6. System responds by communicating login information to the server.
7. Server responds by validating user information
8. If the user's login information is valid, the server communicated the validation with the system
9. The system responds by granting the user access to the employee interface.

**Extensions or Alternate Flows:**

1. Alternative Flow - Client Login
  - a. User initiates an action by choosing to login as a client.
  - b. System responds by prompting the user to input login information.
  - c. User responds by inputting login information
  - d. System responds by communicating login information to the server.
  - e. Server responds by validating user information.
  - f. If the user's information is valid, the server communicates validation to the system.
  - g. The system responds by granting user access to the client interface.
2. Alternative Flow - Failed Login
  - a. If the user's login information is invalid, the system responds by displaying a login error message.
  - b. The user responds by attempting to login again.

{This section presents variations on this use case. It presents those use cases that have an extended relation with the current use case.}

**Exceptions:**

1. Users may not attempt login more than 3 times after the first failed attempt; so as to avoid server overload.
2. Users may close or lose connection to the server before entering login information.

{This section describes all error conditions that can arise in the use case.}

**Related Use Cases:** UC-002. UC-003

**Use Case ID:** UC-002.

**Use Case Name:** View Profile - Client

**Relevant Requirements:** See SRS 3.1 {Reference to relevant requirements document.}

**Primary Actor:** Client {Main sub-system/entity that initiates use}

**Pre-conditions:** UC-001 is executed successfully {Requirements on the state of the system prior to this use being valid.}

**Post-conditions:** Clients can view all their different accounts, name and information. {This describes the state of the system following the successful completion of this use. Effects on other systems and actors may also be described.}

**Basic Flow or Main Scenario:**

The system redirects users to a profile page. The user is able to see all their accounts and is able to click on the different accounts. The user can also see their name and their information.

**Extensions or Alternate Flows:**

UC-004, UC-001.

**Exception:**

1. User loses connection or closes the device.

**Related Use Cases:** UC-004

**Use Case ID:** UC-003.

**Use Case Name:** View Profile - Employee

**Relevant Requirements:** See SRS 3.1 {Reference to relevant requirements document.}

**Primary Actor:** Employees {Main sub-system/entity that initiates use}

**Pre-conditions:** UC-001 is executed successfully {Requirements on the state of the system prior to this use being valid.}

**Post-conditions:** The Employee is able to view their name and bank location information and scroll through different employee functions. {This describes the state of the system following the successful completion of this use. Effects on other systems and actors may also be described.}

**Basic Flow or Main Scenario:**

The system redirects the employee to their profile page. The employee is able to see their name and the bank location as well as a find client function.

**Extensions or Alternate Flows:**

UC-005.

**Exceptions:**

1. Employee closes the device or loses connection.

**Related Use Cases:** UD-003

**Use Case ID:** UC-004

**Use Case Name:** View Account

**Use Case ID:** UC-005

**Use Case Name:** Find Client.