

# Requirements Document

## Team PB-PI

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Table 1: Team

Name	ID Number
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# 1 System

## 1.1 Purpose

## 1.2 Context

## 1.3 Business Goals

# 2 Domain Concepts

# 3 Actors

# 4 Use Cases

## 4.1 Overview

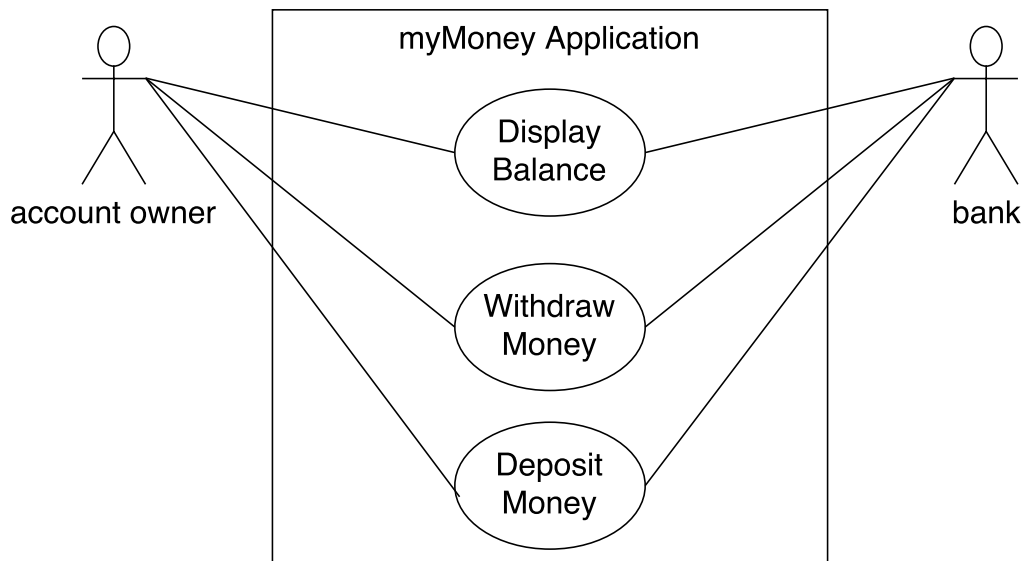


Figure 1: Use Case Diagram

## **Use Case 1**

### **ID**

UC-MWA-001

### **Name**

Money Withdrawal.

### **Goal**

The user withdraws an amount of money from the selected account.

### **Actors**

Primary Actor - owner of the account.

### **Precondition**

User is the owner of the account.

### **Main Scenario**

1. Primary actor indicates to withdraw an amount from a selected account.
2. System verifies the account exists.
3. System prompts primary actor for the amount to withdraw.
4. User enters amount to withdraw.
5. System verifies that the account contains sufficient funds.
6. System prompts user for confirmation.
7. User confirms.
8. System subtracts amount of money requested from selected account, confirms withdrawal.
9. Use case ends successfully.

### **Exceptions**

1. Account does not exist.
2. Account has an empty or negative balance.
3. Account contains insufficient funds.

**Postcondition**

The amount is subtracted from the selected account.

**Priority**

Critical.

**Traces to Test Cases**

Add when test cases done.

**Use Case 2****ID**

UC - MDA - 002

**Name**

Deposit Money.

**Goal**

User successfully deposits an amount of money the selected account.

**Actors**

Primary Actor - owner of the account.

**Precondition**

User is owner of the account.

**Main Scenario**

1. Primary actor indicates to deposit an amount to a selected account.
2. System verifies that the account exists.
3. System prompts user to enter amount to deposit.
4. System adds amount of money deposited to selected account and confirms.
5. Use case ends successfully.

**Exceptions**

1. Account does not exist.
2. Amount is zero or negative.

**Postcondition**

The amount is added to the selected account.

**Priority**

Critical.

**Traces to Test Cases**

Add when test cases done.

### **Use Case 3**

#### **ID**

UC - DBA - 003

#### **Name**

Display Balance.

#### **Goal**

Display balance of chosen account to user.

#### **Actors**

Primary Actor - Owner of the account

#### **Precondition**

Account exists.

#### **Main Scenario**

1. Primary Actor selects account to be displayed.
2. System displays balance.

#### **Exceptions**

1. Account does not exist.
2. System cannot retrieve data for chosen account.

#### **Postcondition**

Account balance is displayed for user.

#### **Priority**

Critical.

#### **Traces to Test Cases**

Add when test cases done.

## **5 Non-Functional Constraints**

## **6 Data Dictionary**

## **7 References**

## **A Description of File Format: Tasks**

Describe input file format.

## B Description of File Format: Persons

Describe output file format.