

Requirements Document

Team PB-PI

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Table 1: Team

Name	ID Number
Alissa Bellerose	27377320
Sabrina D'Mello	27739486
Melanie Damilig	
Tobi Decary-Larocque	27407645
Zain Farookhi	26390684
Giulia Gaudio	27191766
Jason Kalec	40009464
Damian Kazior	40016168
Johnny Mak	
Philip Michael	40004861
Ramez Nicolas Nahas	
Steven Tucci	40006014
Shunyu Wang	40043915

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.