

30 PASSED

**100% passed**

30 executed

**2 minutes ago**

last run

**1.28 seconds**

duration



Linux



OpenJDK 64-Bit Server VM  
17.0.12+7-LTS



cucumber-jvm 7.4.1

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✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/account-creation.feature

**Feature:** Account creation

**Scenario:** Successfully create an account with default balance

- ✓ **Given** I create an account with CBU 123456789
- ✓ **Then** The account balance should be 0.0

**Scenario:** Successfully create an account with an initial balance

- ✓ **Given** I create an account with CBU 987654321 and a balance of 500.0
- ✓ **Then** The account balance should be 500.0

✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/add-coowners-to-my-main-account.feature

**Feature:** Add co-owners to my main account

**Scenario:** Adding co-owners successfully

- ✓ **Given** a bank account, its owner client with DNI "42657569" and another client with DNI "12345678"
- ✓ **When** the owner adds the other client to his account as a co-owner by DNI
- ✓ **Then** the other client is added as co-owner

- ✓ **And** the coowner has access to the account
- ✓ **And** the coowner can't add other coowners

**Scenario:** Adding co-owner fails by giving DNI not registered with the bank

- ✓ **Given** a bank account, its owner client with DNI "12345678" and a DNI "42657569" that is not in the system
- ✓ **When** the client tries to add a co-owner to his account with that DNI
- ✓ **Then** an error occurs and warns that there is no client with that DNI registered in the bank

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/be-owner-of-an-account.feature

**Feature:** Be owner of a bank account

**Scenario:** I am a successful account holder

- ✓ **Given** a client with DNI "42657569" and a bank account
- ✓ **When** the client is the owner of the bank account
- ✓ **Then** he becomes the one who has the most control over the bank account
- ✓ **And** the client can add coowners

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/deposit.feature

**Feature:** Depositing money

**Scenario:** Successfully deposit money into an account

- ✓ **Given** An account with CBU 123456789 and a balance of 1000.0
- ✓ **When** I deposit 200.0 into the account
- ✓ **Then** The account balance should be 1200.0

**Scenario:** Cannot deposit a negative amount

- ✓ **Given** An account with CBU 123456789 and a balance of 1000.0
- ✓ **When** I try to deposit -100.0 into the account
- ✓ **Then** The operation should be denied for negative amount

- ✓ **And** The account balance should remain 1000.0

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/modify-branch-info.feature

**Feature:** Modify info about a branch

**Scenario:** I successfully change the name of a branch office.

- ✓ **Given** a branch management and a branch office 123
- ✓ **When** the management changes the name of the branch office
- ✓ **Then** it will appear in the system with this new name

**Scenario:** The location of a branch is changed successfully

- ✓ **Given** a branch management and a branch office 123
- ✓ **When** the management changes the location of the branch office
- ✓ **Then** it will appear in the system with that new location

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/record-transactions-of-accounts.feature

**Feature:** Modify info about a branch

**Scenario:** Recording all transactions of all accounts

- ✓ **Given** a bank and all bank accounts
- ✓ **When** the bank records the transactions performed by the bank accounts
- ✓ **Then** each transaction is recorded with a correlative number that identifies it, date and time of realization, type of transaction, amount and the accounts involved

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/register-account.feature

**Feature:** Register an account in the Banking System

**Scenario:** An account is successfully registered

- ✓ **Given** an account officer with his branch, an client holder DNI "42657569" and two co-owners DNIs "78945612" , "1234567"

- ✓ **When** the account officer registers an account for them
- ✓ **Then** The account officer automatically registers the account with his branch
- ✓ **And** enables its use for the account holder and co-owners

**Scenario:** An account is not registered for a customer who already has an account

- ✓ **Given** an account officer with his branch office and an client DNI "42657569" who already has an account
- ✓ **When** the account officer registers an new account for the client
- ✓ **Then** the operation should be denied for trying to create an account to an client who already has an account

**Scenario:** A cancelled account is registered successfully

- ✓ **Given** an account officer with his branch and an client DNI "42657569" who has a cancelled account
- ✓ **When** the account officer registers the cancelled account
- ✓ **Then** The account officer automatically registers the account with his branch
- ✓ **And** enables its use for the account holder and co-owners

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/register-branch.feature

**Feature:** Register a branch in the Banking System

**Scenario:** Branch is successfully registered

- ✓ **Given** branch manager and a new branch office with number 123
- ✓ **When** the branch office is registered by the branch manager
- ✓ **Then** the branch is operational in the system with its respective location, assigned a number and a name.

**Scenario:** The branch is not registered due to an existing number branch.

- ✓ **Given** the branch manager and a branch office with number 123 that is in the system
- ✓ **When** the branch is registered by the branch manager with a number already owned by another branch.
- ✓ **Then** the operation is denied due to the branch with that number already exists

- ✓ **And** the branch is not replaced in the system

✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/register-client.feature

**Feature:** Register a client in the Banking System

**Scenario:** A customer is successfully registered

- ✓ **Given** client register his data (last name, first name, date of birth and address) with DNI "42657569" in the bank
- ✓ **Then** the client with DNI "42657569" is in the System

**Scenario:** Unable to register the customer for invalid DNI

- ✓ **Given** client try to register his data and puts an invalid DNI "123456"
- ✓ **Then** the operation should be denied for invalid DNI
- ✓ **And** the client with DNI "123456" is not in the System

**Scenario:** Unable to register the customer by DNI already registered in the bank

- ✓ **Given** client try to register his data and put in a DNI "42657569" already registered in the banking system
- ✓ **Then** the operation should be denied due to there is already a client registered with that DNI
- ✓ **And** the client is not replaced in the system

✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/register-if-client-is-married.feature

**Feature:** Bank want to know if a client is married

**Scenario:** It is registered in the bank if a client is married

- ✓ **Given** a client with DNI "42657569" and date of birth "2000-06-05" and the banking system
- ✓ **When** the system registers that the client is married with marriage date "2022-02-02"
- ✓ **Then** it is stored in the system if the client is married

- ✓ **And** the date of marriage is recorded.

**Scenario:** A client cannot be set as married if the marriage date is invalid.

- ✓ **Given** a client with DNI "94464669" and date of birth "2000-06-17" and the banking system
- ✓ **When** the system registers that the client is married with marriage date "1999-01-01"
- ✓ **Then** the operation is denied due to marriage date is before date of birth
- ✓ **And** the client is not set as married.

✓ ✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/transfer.feature

**Feature:** Transferring money

**Scenario:** Successfully transfer money from a account to other account using CBU

- ✓ **Given** An account A with CBU 123456789 and a balance of 1000.0 and other account B with CBU 987654321 and a balance of 300.0
- ✓ **When** account A transfer 200.0 to account B using CBU
- ✓ **Then** The account A balance should be 800.0
- ✓ **And** The account B balance should be 500.0

**Scenario:** Cannot transfer more money than available balance

- ✓ **Given** An account A with CBU 123456789 and a balance of 250.0 and other account B with CBU 987654321 and a balance of 400.0
- ✓ **When** account A try to transfer 300.0 to account B using CBU
- ✓ **Then** The operation should be denied due to lack of funds in the account A

**Scenario:** Cannot transfer a negative amount

- ✓ **Given** An account A with CBU 123456789 and a balance of 1900.0 and other account B with CBU 987654321 and a balance of 1100.0
- ✓ **When** account A try to transfer -500 to account B using CBU
- ✓ **Then** The operation should be denied for negative amount
- ✓ **And** The account A balance should be 1900.0
- ✓ **And** The account B balance should be 1100.0

### Scenario: Failed transfer due to nonexistent CBU

- ✓ **Given** An account A with CBU 123456789 and a balance of 400.0, an account B with CBU 987654321 and a balance of 1000.0 and a nonexistent CBU
- ✓ **When** account A try to transfer 300.0 to account B but enter a nonexistent CBU
- ✓ **Then** The operation should be denied for entering a non-existent CBU
- ✓ **And** The account A balance should be 400.0
- ✓ **And** The account B balance should be 1000.0

### Scenario: Successfully transfer money from a account to other account using Alias

- ✓ **Given** An account A with alias "uno.dos.tres" and a balance of 600.0 and other account B with alias "tres.dos.uno" and a balance of 800.0
- ✓ **When** account A transfer 350.0 to account B using alias
- ✓ **Then** The account A balance should be 250.0
- ✓ **And** The account B balance should be 1150.0

### Scenario: Failed transfer due to nonexistent Alias

- ✓ **Given** An account A with alias "uno.dos.tres" and a balance of 960.0, an account B with alias "tres.dos.uno" and a balance of 1230.0 and a nonexistent Alias
- ✓ **When** account A try to transfer 300.0 to account B but enter a nonexistent Alias
- ✓ **Then** The operation should be denied for entering a non-existent Alias
- ✓ **And** The account A balance should be 960.0
- ✓ **And** The account B balance should be 1230.0

### Scenario: Sender account cannot transfer if it isn't registered

- ✓ **Given** an unregistered account A with CBU 987654321 and a balance of 800.0 and other account B with CBU 123456789
- ✓ **When** account A transfer 700.0 to account B
- ✓ **Then** The operation should be denied for pending account to be registered
- ✓ **And** The account A balance should be 800.0
- ✓ **And** The account B balance should be 0.0

### Scenario: Receiver account cannot receive a transferring if it isn't registered

- ✓ **Given** an account A with CBU 987654321 and a balance of 900.0 and an unregistered account B with CBU 123456789
- ✓ **When** account A transfer 150.0 to account B
- ✓ **Then** The operation should be denied for pending account to be registered
- ✓ **And** The account A balance should be 900.0
- ✓ **And** The account B balance should be 0.0

✓ file:///workspaces/2024\_2C\_104424\_Ejercicio1/MeMo1-Ejercicio1/app/src/test/resources/memo1/ejercicio1/withdraw.feature

## **Feature:** Withdrawing money

**Scenario:** Successfully withdraw money when the balance is sufficient

- ✓ **Given** An account with CBU 123456789 and a balance of 1000.0
- ✓ **When** I withdraw 300.0 from the account
- ✓ **Then** The account balance should be 700.0

**Scenario:** Cannot withdraw more money than available balance

- ✓ **Given** An account with CBU 123456789 and a balance of 1000.0
- ✓ **When** I try to withdraw 1100.0 from the account
- ✓ **Then** The operation should be denied due to insufficient funds
- ✓ **And** The account balance should remain 1000.0