

El Paso Miners Bank Use Case Scenarios

1. Inquiring Balance (Checking Account)

Actors: Customer, BankDataManager

Precondition: The customer must have an existing account with the bank.

Main Flow:

The customer enters login credentials into the system.

The system verifies credentials and gives the customer access. Displays the various options for the customer.

The customer selects the option to inquire about their checking account balance.

The system retrieves the balance from the checking account.

The system prints the balance to the customer.

The customer views the balance of their checking account.

End of Use Case.

2. Processing a Credit Card Transaction

Actors: Customer, BankDataManager

Precondition: The customer must have an existing credit account.

Main Flow:

The customer enters login credentials into the system.

The system verifies credentials and gives the customer access. Displays the various options for the customer.

The customer initiates a credit card transaction (e.g., pay balance).

The system processes the transaction, updating the account's new balance.

The customer receives confirmation of the successful transaction.

End of Use Case.

3. Opening a New Checking Account

Actors: Customer, BankDataManager

Precondition: The customer must be in front of the system and have the required information to open an account.

Main Flow:

The customer accesses the system.

The system displays an option to open an account.

The customer selects the option to open a new checking account.

The system displays the terms and conditions for opening a checking account.

The customer reviews and accepts the terms.

The system creates the new checking account, assigns it to the customer, and displays a message that it has been successfully created.

End of Use Case

