

MFT V1.1: Typo in Withdrawal Amounts

Created: 28/Jan/25 Updated: 29/Jan/25

Status:	To Do
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Cole Cathcart	Driver:	Cole Cathcart
Resolution:	Unresolved		

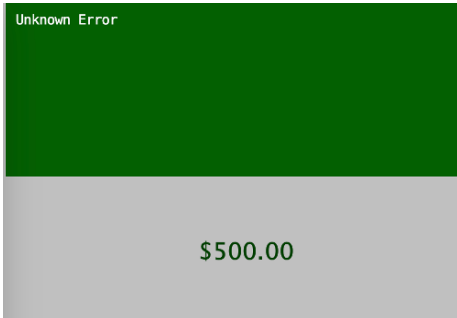
Description	When selecting an amount of cash to withdraw from an account, the system does not display a '\$' symbol next to the '60' option, even though it does for all other amounts.
Function Being Tested:	Withdrawal
Initial State of System:	System is on and a valid card is inserted
Detailed Steps to Reproduce the Defect/Bug:	Select the 'Withdrawal' option from the menu an account linked to the current card. Note the typo in the resulting list of withdrawal amounts.
Expected Outcome:	All amounts should be displayed as '\$xx'
Actual Outcome:	Instead of displaying '\$60', it displays '60'
Priority:	Low
Version:	V 1.1

MFT V1.1: Balance Inquiry - Savings option dispenses \$500 incorrectly for valid accounts

Created: 27/Jan/25 Updated: 27/Jan/25

Status:	To Do
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Rana Elsadig	Driver:	Rana Elsadig
Resolution:	Unresolved		

Description	When users with a valid Savings account select the "Savings" option during a balance inquiry, the ATM incorrectly dispenses \$500. This happens despite no withdrawal transaction being requested. The system prints the correct Savings account balance on the receipt.
Attachments:	<div></div> <div>Sun Jan 26 17:33:29 MST 2025 First National Bank of Podunk ATM #42 Gordon College CARD 2 TRANS #6 INQUIRY FROM: SVGS TOTAL BAL: \$1000.00 AVAILABLE: \$1000.00</div>
Function Being Tested:	Balance Inquiry - Savings Option
Initial State of System:	Card number 1 is inserted, the correct PIN (42) is entered, and the user is at the main transaction menu.
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. Select "Balance Inquiry" from the transaction menu.2. Choose the "Savings" option.
Expected Outcome:	The ATM should print the correct balance of the Savings account on the receipt. No cash should be dispensed during the balance inquiry.
Actual Outcome:	<ul style="list-style-type: none">• The ATM displays an "Unknown Error" message.• The ATM incorrectly dispenses \$500.• The receipt correctly shows the balance of the user's Savings account.
Priority:	Critical
Version:	V 1.1

MFT: Invalid PIN Extension - Correct re-entry of PIN on the third try is NOT accepted

Created: 24/Jan/25 Updated: 27/Jan/25

Status:	In Progress
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Nathan Abreu De Oliveira	Driver:	Rana Elsadig
Resolution:	Unresolved		

Description	You can only re-enter your PIN twice in the “re-enter” state. The second incorrect re-entry locks your card when it should be the third one.
Function Being Tested:	Correct re-entry of PIN on the third try is accepted
Initial State of System:	Request to re-enter PIN is being displayed
Detailed Steps to Reproduce the Defect/Bug:	<ul style="list-style-type: none">• Enter incorrect PIN the first time and second time• Then correct PIN the third time
Expected Outcome:	Original transaction completes successfully
Actual Outcome:	The system locks your card at the second re-entry of an incorrect PIN when it should be the third. A user should have three tries after an incorrect entry, not two.
Priority:	Medium
Version:	V 1.0

Comment by Nathan Abreu De Oliveira [27/Jan/25]

Defect still exists in version 1.1

MFT: Invalid PIN Extension -Correct re-entry of PIN on the second try is accepted but sends you back to the "Enter PIN" state

Created: 24/Jan/25 Updated: 27/Jan/25

Status:	In Progress
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Nathan Abreu De Oliveira	Driver:	Rana Elsadig
Resolution:	Unresolved		

Description:	When you re-enter the correct PIN on the second try of re-entering your PIN, it returns to the original state of asking for a PIN. So, you have to enter it twice correctly after the second incorrect PIN entry to enter your card account.
Function Being Tested:	Correct re-entry of PIN on the second try is accepted
Initial State of System:	<ul style="list-style-type: none">Request to re-enter PIN is being displayed
Detailed Steps to Reproduce the Defect/Bug:	<ul style="list-style-type: none">Enter incorrect PIN the first timeEnter correct PIN the second time
Expected Outcome:	Original transaction completes successfully
Actual Outcome:	Sends you back to "Enter PIN" state as if you just inserted your card.
Priority:	Medium
Version:	V 1.0

Comment by Nathan Abreu De Oliveira [[27/Jan/25](#)]

Defect still exists in version 1.1

MFT: Invalid PIN Extension - Correct re-entry of PIN is accepted but sends you back to the "Enter PIN" state

Created: 24/Jan/25 Updated: 27/Jan/25

Status: In Progress

Project: SENG637-A1-Team5

Type: Bug

Reporter: Nathan Abreu De Oliveira **Driver:** Rana Elsadig

Resolution: Unresolved

Description: When you re-enter the correct PIN, it returns to the original state of asking for a PIN. So, you have to enter it twice correctly after an incorrect PIN entry to enter your card account.

Function Being Tested: Correct re-entry of PIN is accepted

Initial State of System:

- Request to re-enter PIN is being displayed

Detailed Steps to Reproduce the Defect/Bug:

- Enter correct PIN

Expected Outcome: Original transaction completes successfully

Actual Outcome: Sends you back to "Enter PIN" state as if you just inserted your card.

Priority: Medium

Version: V 1.0

Comment by Nathan Abreu De Oliveira [27/Jan/25]

Defect still exists in version 1.1

Deposits - Balance deposit is less than the specified amount

Created: 24/Jan/25 Updated: 29/Jan/25

Status:	In Progress
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Cole Cathcart	Driver:	Destin Saba
Resolution:	Unresolved		

Description:	When making a deposit to any account, the system deposits less than the specified amount. In version 1.0 the deposit is always \$10 less than specified. In version 1.1 the deposit is always 10c less than specified. If the deposit made is less than 10c in version 1.1 or \$10 in 1.0, the difference will be subtracted from the account.
Function Being Tested:	Depositing
Initial State of System:	The system is on, a card has been entered and the correct pin entered
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. Choose 'Deposit' from the list of transactions2. Choose an account which the card has access to3. Enter any amount to deposit and click 'Insert Envelope'4. Observe the incorrect deposit amount in the receipt5. Check in 'Balance Inquiry' to confirm that the incorrect amount was deposited
Expected Outcome:	The system deposits the exact amount requested into the selected account
Actual Outcome:	The system deposits less than the actual amount
Priority:	Critical
Version:	V 1.1/1.0

Comment by Cole Cathcart [[29/Jan/25](#)]

Still exists in version 1.1 (see above)

Transfer - User is permitted to request transfers of \$0.00

Created: 24/Jan/25 Updated: 29/Jan/25

Status:	In Progress
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Destin Saba	Driver:	Cole Cathcart
Resolution:	Unresolved		

Description:	When making a transfer, the user is able to request a balance transfer of \$0.00 between accounts.
Function Being Tested:	Balance transfers
Initial State of System:	The system is on and the user has entered a valid card number and the correct PIN.
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. The user selects "Transfer" as the transaction type2. The user selects a valid account to transfer from and a valid account to transfer to.3. The user enters \$0.00 as the transfer amount.
Expected Outcome:	An error message stating that \$0.00 is an invalid transfer amount is displayed, and the user is re-prompted to complete another transaction.
Actual Outcome:	A balance transfer of \$0.00 is completed.
Priority:	Low
Version:	V 1.0

Comment by Destin Saba_ [29/Jan/25]

Defect still exists in version 1.1

PIN Entry - System Does not Lock Card

Created: 24/Jan/25 Updated: 29/Jan/25

Status:	In Progress
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Destin Saba	Driver:	Cole Cathcart
Resolution:	Unresolved		

Description:	After three incorrect pin entries, the system locks. However, it does not prevent the user from re-entering the same card to get three new tries.
Function Being Tested:	System locks card after 3 incorrect PIN entries.
Initial State of System:	A card is entered into the ATM, and the ATM prompts the user to enter a PIN.
Detailed Steps to Reproduce the Defect/Bug:	An incorrect PIN is entered 3 times.
Expected Outcome:	The system locks the card, and prevents the user from accessing the card.
Actual Outcome:	The user can cancel the operation and then re-enter the same card to gain more attempts to enter the PIN.
Priority:	High
Version:	V 1.0

Comment by Destin Saba [[29/Jan/25](#)]

Defect still exists in version 1.1

Receipt Accuracy - Transaction Accounts "from" and "to" are flipped in receipt

Created: 24/Jan/25 Updated: 27/Jan/25

Status:	In Progress
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Nathan Abreu De Oliveira	Driver:	Rana Elsadig
Resolution:	Unresolved		

Description	When transferring from checking to saving, the receipt displays the transaction as savings to checking. The same happens the other way around while the internal log is correct.
Attachments:	First National Bank of Podunk ATM #42 Gordon College CARD 2 TRANS #5 TRANSFER FROM: SVGS TO: CHKG AMOUNT: \$19.50 TOTAL BAL: \$1000.00 AVAILABLE: \$1000.00
Function Being Tested:	Receipt Displays Transaction Accounts "from" and "to" accurately.
Initial State of System:	<ul style="list-style-type: none">Transaction type selection is in view
Detailed Steps to Reproduce the Defect/Bug:	<ul style="list-style-type: none">User Selects TransactionFrom Account is chosen (Example: Checking)To Account is chosen (Example: Savings)Transaction Amount was imputed (Example: 30.00)
Expected Outcome:	Receipt Displays Transaction as being from correct accounts chosen. For the example above, "TRANSFER FROM: CHKG TO: SVGS"
Actual Outcome:	When doing the example above we got it flipped in the receipt, "TRANSFER FROM: SVGS TO: CHKG" (See Attached Photo). Note: This happens when the input accounts are the other way as well. It always flips them in the receipt.
Priority:	Medium
Version:	V 1.0

Comment by Nathan Abreu De Oliveira [27/Jan/25]

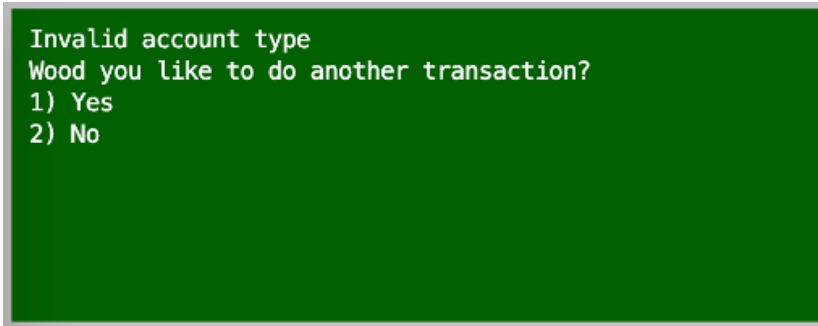
Defect still exists in version 1.1

Balance Inquiry - Invalid error for existing Money Market accounts

Created: 24/Jan/25 Updated: 27/Jan/25 Resolved: 26/Jan/25

Status:	Done
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Rana Elsadig	Driver:	Nathan Abreu De Oliveira
Resolution:	Done		

Description:	When a customer with a valid Money Market account attempts to inquire about its balance, the ATM displays an "Invalid account type" error message. For account number 2, despite having a Money Market account, the system incorrectly prevents the balance inquiry. This happens because the Money Market option is incorrectly mapped to a Savings account, which account number 2 does not have.
Attachments:	
Function Being Tested:	Balance Inquiry - Handling of Existing Accounts
Initial State of System:	Card number 2 is inserted, the correct PIN (1234) is entered, user is at the main transaction menu.
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. Select "Balance Inquiry."2. Select "Money Market" as the account type for the inquiry.
Expected Outcome:	The system should successfully process the inquiry and display the balance of the customer's Money Market account for this user.
Actual Outcome:	<ul style="list-style-type: none">• The ATM displays an error message stating "Invalid account type."• The system prevents the user from accessing their Money Market account balance.
Priority:	High
Version:	V 1.0

Balance Inquiry - Money Market option dispenses \$500 incorrectly for users with a valid Savings account

Created: 24/Jan/25 Updated: 27/Jan/25 Resolved: 26/Jan/25

Status:	Done
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Rana Elsadig	Driver:	Nathan Abreu De Oliveira
Resolution:	Done		

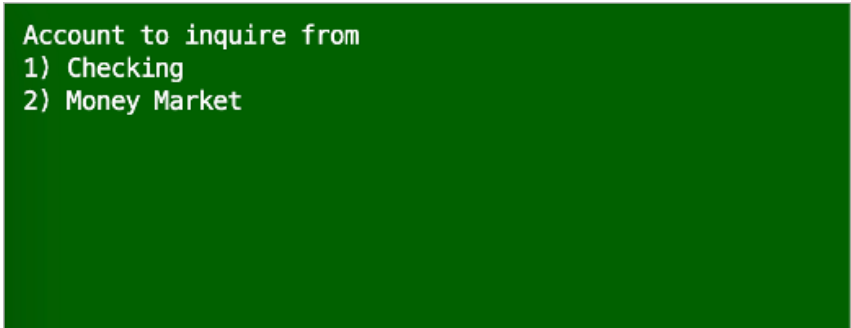
Description:	When a user has a valid Savings account, selecting the "Money Market" option in the balance inquiry menu triggers money to be dispensed. The ATM dispenses \$500, despite the user only performing a balance inquiry. The receipt prints the balance of the users Savings account. This happens because the Money Market option is incorrectly mapped to the Savings account.
Attachments:	<div><div>Unknown Error</div><div>\$500.00</div></div> <div>Fri Jan 24 10:41:44 MST 2025 First National Bank of Podunk ATM #42 Gordon College CARD 2 TRANS #1 INQUIRY FROM: SVGS TOTAL BAL: \$1000.00 AVAILABLE: \$1000.00</div>
Function Being Tested:	Balance Inquiry - Handling of non-existent money market account
Initial State of System:	The system is on and a user with a valid Savings account has entered their card number and the correct PIN.
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. From the main transaction menu, select "Balance Inquiry."2. Select "Money Market" as the account type for the inquiry.
Expected Outcome:	The system should display a clear error message indicating that the Money Market account does not exist for this user. No cash should be dispensed, and no incorrect information should be printed on the receipt.
Actual Outcome:	<ul style="list-style-type: none">• The ATM displays an "Unknown Error" message.• The ATM incorrectly dispenses \$500.• The receipt incorrectly shows the balance of the user's Savings account instead of reflecting the Money Market inquiry error.
Priority:	Critical
Version:	V 1.0

Balance Inquiry - Savings account type not displayed

Created: 24/Jan/25 Updated: 27/Jan/25 Resolved: 26/Jan/25

Status:	Done
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Rana Elsadig	Driver:	Nathan Abreu De Oliveira
Resolution:	Done		

Attachments:	
Description:	The "Savings" account type is missing during a balance inquiry. This prevents users from selecting the Savings account type even if their card is linked to a savings account.
Function Being Tested:	Balance Inquiry - Display of Account Types
Initial State of System:	Card number is inserted, the correct PIN is entered, and user is at the main transaction menu.
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. From the main transaction menu, select "Balance Inquiry."2. Observe the list of account types presented.3. Notice that "Savings" is missing from the options.
Expected Outcome:	The system should display all available account types (e.g., Checking, Savings, Money Market) for the user to select during a balance inquiry.
Actual Outcome:	The "Savings" account type is missing from the list. Only "Checking" and "Money Market" are displayed.
Priority:	Medium
Version:	V 1.0

Withdrawals - System withdraws the wrong amount of money

Created: 24/Jan/25 Updated: 29/Jan/25 Resolved: 28/Jan/25

Status:	Done
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Cole Cathcart	Driver:	Destin Saba
Resolution:	Done		

Description:	When a user requests to withdraw money from the predefined options of \$20-\$200, the system will instead withdraw the next highest option from the user's selection. For instance, if they select '\$20' it will instead withdraw \$40. If you select '\$200' it will instead withdraw \$20.
Function Being Tested:	Withdrawals
Initial State of System:	System in on, a card has been inserted and the proper PIN has been entered
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. Select 'Withdrawal' from the list of transactions2. Select an account linked to the inserted card3. Select any valid amount for withdrawal from that account4. Note that the amount withdrawn does not match your selection
Expected Outcome:	The system withdraws the requested amount from your account
Actual Outcome:	The system withdraws a different amount corresponding to the next highest option in the list
Priority:	High
Version:	V 1.0

Typo in prompt to user to complete another transaction

Created: 24/Jan/25 Updated: 29/Jan/25 Resolved: 29/Jan/25

Status:	Done
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Destin Saba	Driver:	Cole Cathcart
Resolution:	Done		

Description:	Prompt for user to complete another transaction asks: "Wood you like to do another transaction". "Wood" is incorrect spelling for "Would".
Function Being Tested:	Prompt for user to do another transaction.
Initial State of System:	The system is on and the user has entered a valid card number and the correct PIN.
Detailed Steps to Reproduce the Defect/Bug:	The user must first select, and then complete, fail, or cancel any of the transaction types.
Expected Outcome:	The user receives prompt: "Would you like to do another transaction".
Actual Outcome:	The user receives prompt: "Wood you like to do another transaction".
Priority:	Low
Version:	V 1.0

Transfers - Balance transfers are \$0.50 off the specified amount

Created: 24/Jan/25 Updated: 29/Jan/25 Resolved: 29/Jan/25

Status:	Done
Project:	SENG637-A1-Team5

Type:	Bug		
Reporter:	Destin Saba	Driver:	Cole Cathcart
Resolution:	Done		

Description:	When transferring money between accounts, the ATM transfers an amount that is \$0.50 less than the amount specified by the user.
Function Being Tested:	Balance transfers
Initial State of System:	The system is on and the user has entered a valid card number and the correct PIN.
Detailed Steps to Reproduce the Defect/Bug:	<ol style="list-style-type: none">1. The user selects "Transfer" as the transaction type2. The user selects a valid account to transfer from and a valid account to transfer to.3. The user enters a valid transfer amount.
Expected Outcome:	The amount the user entered is transferred between the selected accounts.
Actual Outcome:	The amount the user entered, minus \$0.50, is transferred between the selected accounts.
Priority:	Medium
Version:	V 1.0