

[CRM-33] [MFT: Withdrawal Test 14](#) Created: 04/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sanket Patel	Assignee:	OM VIPULBHAI PATEL
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003r:
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Description

Function Being Tested: Withdrawal – Legitimate Transaction

Initial System State:

- ATM system is ON.
- System is displaying the menu of withdrawal amounts.

Steps to Reproduce:

1. Insert Card Number: 1.
2. Enter PIN: 42.
3. Select Withdrawal as the transaction type.
4. Choose Checking Account.
5. Select a withdrawal amount that is available in the system and does not exceed the account balance.

Expected Outcome:

- The system dispenses the selected amount of cash.
- A receipt is printed, displaying the withdrawn amount and the updated account balance.

- The transaction is correctly recorded in the system log, showing both the message sent to the bank and the approval response.

Actual Outcome:

- The system fails to dispense the correct amount, does not print a proper receipt, or does not record the transaction correctly.

Priority/Severity: High

Version Found In: V 1.0

Status After Regression Test: Bug fixed!

[CRM-31] [MFT: Invalid PIN Extension Test 40](#) Created: 04/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	OM VIPULBHAI PATEL	Assignee:	Sanket Patel
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:y
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Description

Function Being Tested:

Correct re-entry of PIN on the third try is accepted

Initial State of the System:

Request to re-enter PIN is being displayed

Steps to Reproduce:

1. Enter card number as 1
2. Enter incorrect PIN the first time
3. Enter incorrect PIN the second time
4. Enter correct PIN the third time (42)

Expected Outcome:

Original transaction completes successfully

Actual Outcome:

The system prompts the user again to enter the PIN instead of logging user in

Priority/Severity: Medium

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists

[CRM-28] [MFT: Invalid PIN Extension Test 39](#) Created: 04/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sanket Patel	Assignee:	OM VIPULBHAI PATEL
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:x
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Description

Function Being Tested:

Correct re-entry of PIN on the second try is accepted

Initial State of the System:

Request to re-enter PIN is being displayed

Steps to Reproduce:

1. Enter card as 1
2. Enter incorrect PIN (first time)
3. Enter correct PIN as 42 (second time)

Expected Outcome:

Original transaction completes successfully

Actual Outcome:

The system prompts the user again to enter the PIN instead of logging user in

Priority/Severity: Medium

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists

[CRM-27] [MFT: Invalid PIN Extension Test 37](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sadia Khan	Assignee:	er.rmnpreet020
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:v
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Description

Function Being Tested:

Correct re-entry of PIN is accepted

Initial State of the System:

Request to re-enter PIN is being displayed

Steps to Reproduce:

1. Enter card as 1
2. Enter incorrect PIN (anything except 42)
3. Enter correct PIN (42)

Expected Outcome:

Original transaction completes successfully

Actual Outcome:

The system prompts the user again to enter the PIN instead of logging user in

Priority/Severity: Medium

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists

[CRM-25] [Undefined Input Selection Triggers Random Amount Display](#) Created:

03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	OM VIPULBHAI PATEL	Assignee:	Sanket Patel
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:r
Team:	

Description**Function Being Tested: ATM Keypad Input Handling****Initial System State:**

- ATM is turned ON.
- User has not selected any transaction (e.g., Withdrawal, Deposit, Balance Inquiry).

Steps to Reproduce:

1. Turn ON ATM.
2. Enter 10 as a digit
3. Click insert a card button
4. Enter card number as a 1.
5. Enter a PIN as a 42.
6. Press any random number on the ATM keypad that does not correspond to a selection (Ex. 7)

Expected Result:

- The ATM should not accept numeric input except given on the screen for transaction type selection.
- It should display a prompt asking the user to select a transaction.

Actual Result:

- The ATM randomly displays an amount of \$20 on the screen without a selected transaction.
- That \$20 dollar shows as a dispense in show log.

Severity: High

Version Found In: V 1.0

Status After Regression Test: Bug got fixed!

[CRM-23] [Incorrect Error Message and Money Dispensed](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sadia Khan	Assignee:	er.rmnpreet020
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:i
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Description

Function Being Tested: Balance Inquiry

Initial State of the System:

System is on. User is logged in (Card 1, PIN 42). This user has no Money Market account.

Steps to Reproduce:

1. Insert card number as 1
2. Enter the correct PIN (pin 42)
3. Choose balance inquiry as transaction type
4. Choose money market as account to inquire from

Expected Outcome:

The system shows an invalid account type message, since card 1 does not have a money market account. Nothing should be dispensed or inquired.

Actual Outcome:

The system displays "Unknown Error" and \$500 pops up on the screen and is dispensed in the log. It also displays an inquiry for a savings account (incorrect account type) on the receipt.

Priority/Severity: High

Version of SUT: V 1.0

Status After Regression Test: Bug got fixed!

[CRM-22] Withdrawal Amount Extra \$20 every time Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25	
Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	OM VIPULBHAI PATEL	Assignee:	Sanket Patel
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:9
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Description
<p>Function Being Tested: Cash Withdrawal</p> <p>Initial System State:</p> <ul style="list-style-type: none"> ATM is turned ON. User is logged in with Card Number: 1, PIN: 42. <p>Steps to Reproduce:</p> <ol style="list-style-type: none"> Select withdrawal as type of transaction Choose checking account Select \$20 as the withdrawal amount Press Enter <p>Expected Result:</p> <ul style="list-style-type: none"> The system should deduct \$20 from the total checking account balance The receipt and transaction history should reflect \$20 withdrawn <p>Actual Result:</p> <ul style="list-style-type: none"> The system deducts \$40 instead of \$20.

- The receipt and transaction history incorrectly reflect the \$40 withdrawn

Severity: High (Causes financial loss for users)

Version Found In: V 1.0

Status After Regression Test: Bug got fixed!

[CRM-21] Missing Savings Account to Inquire From Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25	
Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sadia Khan	Assignee:	Sadia Khan
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003q:
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Description
<p>Function Being Tested: Balance Inquiry</p> <p>Initial State of the System:</p> <p>System is on. Savings account has a balance of \$1000.</p> <p>Steps to Reproduce:</p> <ol style="list-style-type: none"> 1. Insert card number as 1 2. Insert PIN as 42 3. Select balance inquiry as the transaction type <p>Expected Outcome:</p> <p>The system should display the checking, savings and money market as account types to inquire from</p> <p>Actual Outcome:</p> <p>The system does not display “Savings” as an account type to inquire from.</p>

Priority/Severity: High

Version of SUT: V 1.0

Status After Regression Test: Bug fixed!

Additional Notes:

This was found during exploratory testing but is also *MFT: Inquiry Test 33.*

[CRM-20] [Incorrect Invalid Account Message](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sanket Patel	Assignee:	OM VIPULBHAI PATEL
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003p:i
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Description

Function Being Tested: Balance Inquiry

Initial State of the System:

System is on. User is logged in (Card 2, PIN 1234). Money market account has a balance of \$5000.

Steps to Reproduce:

1. Select balance inquiry as the transaction type
2. Select money market as the account type

Expected Outcome:

The system should display the money market account balance as \$5000 for Card 2.

Actual Outcome:

The system displays an error message stating “Invalid Account Type”.

Priority/Severity: High

Version of SUT: V 1.0

Status After Regression Test: Bug fixed!

[CRM-19] [Incorrect Account Transfer Order](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	er.rmnpreet020	Assignee:	Sadia Khan
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0003p:
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Description

Function Being Tested: Transfer

Initial State of the System:

System is on. User is logged in (Card 1, PIN 42). Checking account has a balance of \$100.

Steps to Reproduce:

1. Select transfer as the transaction type
2. Select *from* checking
3. Select *to* savings
4. Choose the amount of money to be transferred as \$50.00

Expected Outcome:

The system should display the amount transferred as \$50.00 and show that it went from the checking account into the savings account.

Actual Outcome:

The system has the order of transfer flipped, as it shows the transfer is *from* savings *to* checking.

Priority/Severity: High

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists

Additional Notes:

This was found during exploratory testing but is also *MFT: Inquiry Test 29.*

[CRM-18] [Incorrect Amount Transferred Between Accounts](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	OM VIPULBHAI PATEL	Assignee:	Sanket Patel
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0j0003n:
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Description

Function Being Tested: Transfer

Initial State of the System:

System is on. User is logged in (Card 1, PIN 42). Checking account has a balance of \$100.

Steps to Reproduce:

1. Select transfer as the transaction type
2. Select *from* checking
3. Select *to* savings
4. Choose the amount of money to be transferred as \$50.00

Expected Outcome:

The system should display the amount transferred as \$50.00 and show that it went from the checking account into the savings account.

Actual Outcome:

The system transfers \$49.50 instead of \$50.00.

Priority/Severity: High

Version of SUT: V 1.0

Status After Regression Test: Bug got Fixed!

Additional Notes:

This was found during exploratory testing but is also *MFT: Inquiry Test 29.*

[CRM-17] [Incorrect Total Balance During Checking Account Deposit](#) Created:

03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sadia Khan	Assignee:	er.rmnpreet020
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 0000s:
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Description**Function Being Tested:** Deposit**Initial State of the System:**

System is on. User has logged in with Card 1, PIN 42. User has \$100 in checking.

Steps to Reproduce:

1. Select deposit as the type of transaction
2. Select checking as the account type
3. Add the amount to deposit as \$50.00
4. Press enter
5. Click to insert the envelope

Expected Outcome:

The system should display the amount deposited as \$50.00 and the total balance as \$150.00.

Actual Outcome:

The system displays the total balance as \$140.00 instead of \$150.00.

Priority/Severity: High

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists. System displays total balance of \$149.90 instead of \$150.00

Additional Notes:

This was found during exploratory testing but is also *MFT: Inquiry Test 22.*

[CRM-16] [Incorrect Card Number in Receipt](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 03/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sanket Patel	Assignee:	OM VIPULBHAI PATEL
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0000r:
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Description

Function Being Tested: Balance Inquiry

Initial State of the System:

System is on. User has logged in using Card 1, Pin 42.

Steps to Reproduce:

1. Select balance inquiry as the transaction
2. Select checking account
3. Press enter

Expected Outcome:

The system should display Card 1 in the receipt alongside the account balance information

Actual Outcome:

The system displays Card 2 instead of Card 1 in the receipt

Priority/Severity: Medium

Version of SUT: V 1.0 and V 1.1


Status After Regression Test: Bug still exists

Additional Notes:

This was found during exploratory testing but is also *MFT: Inquiry Test 34.*

[CRM-15] Insufficient Funds and Incorrect Amount Withdrawal Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25	
Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	er.rmnpreet020	Assignee:	Sadia Khan
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Attachments:	 image-20250203-205749.png
Rank:	0 i0000q:

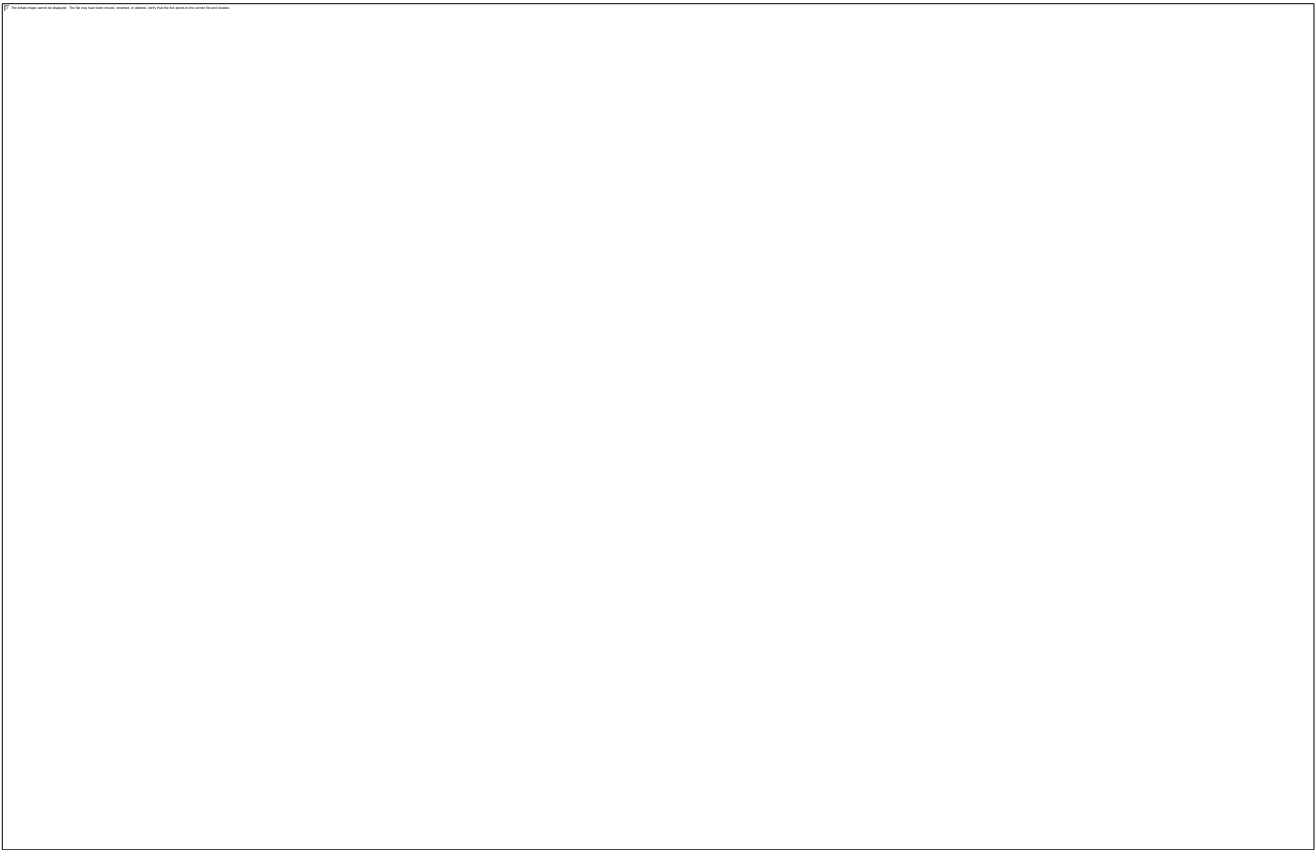
Description
<p>Function Being Tested: Withdraw</p> <p>Initial State of the System:</p> <p>System is on. User is logged in (Card 1, PIN 42). Checking account has a balance of \$100.</p> <p>Steps to Reproduce:</p> <ol style="list-style-type: none"> 1. Select withdrawal (option 1) 2. Select checking (option 1) 3. Select the amount of cash to withdraw as \$200 (option 5) <p>Expected Outcome:</p> <p>The system should display an error message as this user does not have enough funds to withdraw \$200 from their checking.</p> <p>Actual Outcome:</p>

The system withdraws \$20 from the overall check-in balance.

Priority/Severity: High

Version of SUT: V 1.0

Status After Regression Test: Bug got fixed!



[CRM-14] [Login with Incorrect Card Number Bug](#) Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	er.rmnpreet020	Assignee:	Sadia Khan
Resolution:	Done	Votes:	0
Labels:	Login		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0000p:
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Description

Function Being Tested: Login

Initial State of the System:

System is on.

Steps to Reproduce:

1. Click to insert card number
2. Insert the incorrect (but valid integer) card number. Ex. Correct card number is 1, but user enters 3
3. Insert the correct PIN. Ex. Card 1 has pin 42
4. Click enter

Expected Outcome:

The system should display an error message and allow users to re-enter their information.

Actual Outcome:

The system displays nothing and is frozen. None of the buttons (enter, clear, cancel, off) work.

Priority/Severity: High

Version of SUT: V 1.0

Status After Regression Test: Bug fixed!

(Sample) User Management (CRM-1)

 **[CRM-13] Transfer of \$0 Between Accounts** Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None
Parent:	(Sample) User Management

Type:	Bug	Priority:	Medium
Reporter:	Sadia Khan	Assignee:	er.rmnpreet020
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Issue links:	Blocks
	blocks CRM-12 Unable to Deposit Large Amount to Che... Done
Rank:	0j0000m:
Team:	

Description

Function Being Tested: Transfer

Initial State of the System:

System is on. User is logged in (Card 1, PIN 42).

Steps to Reproduce:

1. Turn ON ATM
2. Enter 10 as a bills
3. Click insert a card button
4. Enter a card number 1, and enter pin 42.
5. Select transaction type as a Transfer
6. Select account from checking to saving account.

7. Enter an amount to transfer as a \$0.00

Expected Outcome:

The system should display an error message as user supposed to enter valid amount to get transfer between two accounts

Actual Outcome:

System is transferring \$0.00 dollar with 0.50 cent minus from the Total balance on every transaction.

Priority/Severity: Medium

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists

[CRM-12] [Unable to Deposit Large Amount to Checking Account](#) Created:

03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25

Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	er.rmnpreet020	Assignee:	Sadia Khan
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Issue links:	Blocks
	is blocked by CRM-13 Transfer of \$0 Between Accounts Done
Rank:	0 i0000j:

Description**Function Being Tested:** Deposit to Checking Account**Initial State of the System:**

ATM is on. User has entered number of bills. User is logged in with **Card Number: 1, PIN: 42.**
Checking Account Balance Before Transaction: \$100.

Steps to Reproduce:

1. Click to insert card number
2. Insert the correct PIN.
3. Click enter
4. Select **Deposit** → Choose **Checking Account**
5. Enter **\$10,00,00,000** as the deposit amount.
6. Press **Enter** to confirm.

Expected Outcome:

- ATM should allow large deposits (if no limit exists).
- If a deposit limit exists, it should display an error message (e.g., "**Deposit Limit Exceeded**").

Actual Outcome:

- ATM does not allow adding **\$10,00,00,000**.
- **No error message** explaining the reason, system will be crashed.

Priority/Severity: High (Deposit limit unclear)

Version of SUT: V 1.0 and 1.1

Status After Regression Test: Bug still exists

[CRM-8] ATM accepts extremely long PIN instead of truncating input Created: 03/Feb/25 Updated: 04/Feb/25 Resolved: 04/Feb/25	
Status:	Done
Project:	SENG637-ATM-Testing-Group-15
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Sanket Patel	Assignee:	OM VIPULBHAI PATEL
Resolution:	Done	Votes:	0
Labels:	security		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 i0000d:
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Description
<p>Function Being Tested: Transaction</p> <p>Initial State of the System:</p> <p>System is on. User is logged in with card 1.</p> <p>Steps to Reproduce:</p> <ol style="list-style-type: none"> 1. Turn ATM ON 2. Enter 10 for the number of bills 3. Press Insert card button 4. Enter 1 as a card number 5. User exceeds the number of digits for PIN (more than 10) (Ex. 11111111111111) <p>Expected Outcome:</p> <p>User should get an error message through authentication; like that the PIN is supposed to be some digit's long.</p> <p>Actual Outcome:</p>

The system's screen goes blank and is frozen. No buttons work

Priority/Severity: High

Version of SUT: V 1.0 and V 1.1

Status After Regression Test: Bug still exists

Generated at Tue Feb 04 05:12:38 GMT 2025 by OM VIPULBHAI PATEL using Jira 1001.0.0-SNAPSHOT#100278-rev:a2f17bfc7e8f07871ee4f8e74840302fac461053.