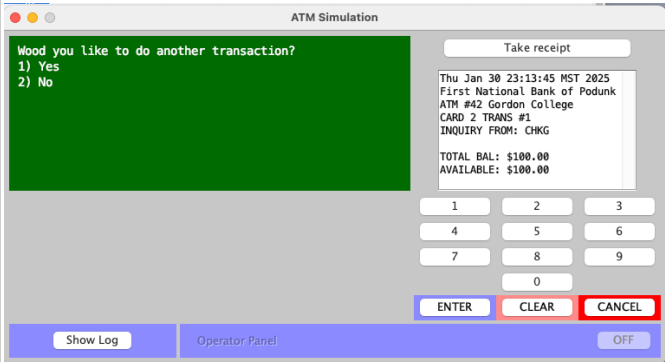


[A1ATM-1] Typo in Transaction Prompt		Created: 31/Jan/25 Updated: 31/Jan/25
Status:	To Do	
Project:	SENG637-A1-24 ATM	

Type:	Bug	Priority:	Medium
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description
When the user is prompted to perform another transaction, there is a typo in the prompt. Instead of displaying "Would you like to do another transaction?", the system displays " Wood you like to do another transaction?"

Attachments:	
Function Being Tested:	Transaction prompt after completing an ATM inquiry operation
Initial State of the System:	The system was on, and valid card was inserted successfully
Steps to reproduce the Defect:	<ol style="list-style-type: none"> 1. Insert a valid card into the ATM (We used Card #1) 2. Complete a checking the current balance transaction 3. Observe the prompt displayed after the transaction
Expected Outcome:	"Would you like to do another transaction?"
The Version of the SUT the bug was found:	V1.0
Actual Outcome:	"Wood you like to do another transaction?"

[A1ATM-2] Incorrect Withdrawal Amount via Option 3

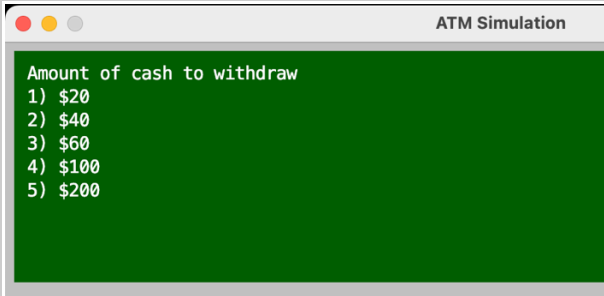
Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	Critical
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

Withdrawing \$60 form checking account using option 3 (Present \$60 withdrawal), the system incorrectly withdraws \$100 instead of \$60

Attachments:	
Function Being Tested:	Preset withdrawal amount (Option 3) functionality
Initial State of the System:	Card #1's checking account balance: \$100 Withdrawal Option 3 configured for \$60
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Check available balance for Card #1's checking account (balance shows \$100)2. Select "Withdraw" and choose Option 3 (intended to withdraw \$60)
Expected Outcome:	Withdraw \$60, remaining \$40
The Version of the SUT the bug was found:	V1.0
Actual Outcome:	Withdraw \$100, Remaining \$0

[A1ATM-3] Incorrect Balance Deduction on Deposit Transaction (V1.0 & V1.1)

Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

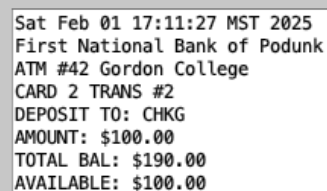
Type:	Bug	Priority:	High
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

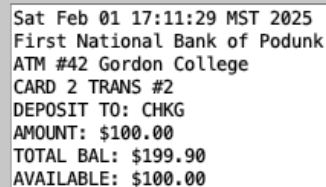
The ATM system incorrectly deducts a fixed amount from the account balance during deposit transactions, depending on the software version:

- V1.0: Deducts \$10 per deposit.
- V1.1: Deducts \$1 per deposit.

Attachments:



Sat Feb 01 17:11:27 MST 2025
First National Bank of Podunk
ATM #42 Gordon College
CARD 2 TRANS #2
DEPOSIT TO: CHKG
AMOUNT: \$100.00
TOTAL BAL: \$190.00
AVAILABLE: \$100.00



Sat Feb 01 17:11:29 MST 2025
First National Bank of Podunk
ATM #42 Gordon College
CARD 2 TRANS #2
DEPOSIT TO: CHKG
AMOUNT: \$100.00
TOTAL BAL: \$199.90
AVAILABLE: \$100.00

Function Being Tested:	Deposit transaction functionality (Checking/Savings account)
Initial State of the System:	Valid card inserted, and Checking account balance is \$100 on both versions
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. For V1.0: Insert a valid card, enter PIN, select “Deposit”, choose Checking, enter \$100, click ‘Insert Envelope’, complete the transaction. Check balance: \$190 (incorrect deduction of \$10)2. For V1.1: Repeat the same steps as above. Check balance: \$199.90 (incorrect deduction of \$0.1)
Expected Outcome:	Balance after a \$100 deposit: \$200 (initial \$100 + \$100 deposit) on both versions (V1.0 & V1.1)
The Version of the SUT the bug was found:	V1.0, V1.1
Actual Outcome:	V1.0 : Balance = \$190 (incorrect \$10 deduction) V1.1 : Balance = \$199.90(incorrect \$0.1 deduction)

[A1ATM-4] Invalid \$0.00 Transfer Allowed, Causing Incorrect Balance (V1.0)

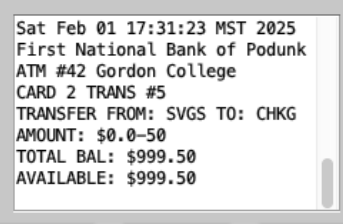
Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	Critical
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

The ATM system allows \$0.00 transfers between accounts (From Checking to Savings) in V1.0, resulting in incorrect saving account balance calculations.

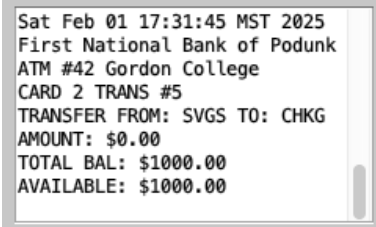
Attachments:	
Function Being Tested:	Transfer
Initial State of the System:	Valid card inserted Card #1. Checking and Savings accounts active with valid balances of \$190 and \$1000.
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Select "Transfer" from the main menu.2. Choose "Checking → Savings".3. Enter \$0.00 as the transfer amount.4. Complete the transaction.5. Use "Balance Inquiry" to check the updated Checking balance.
Expected Outcome:	The system should reject the \$0.00 transfer with an error message (Something like, "Invalid amount. Enter a value greater than \$0.00"), and the Account balances remain unchanged.
The Version of the SUT the bug was found:	V1.0
Actual Outcome:	The system processes the \$0.00 transfer as valid, and Saving balance is updated to \$999.50.

[A1ATM-5] Invalid \$0.00 Transfer Allowed (V1.1)		Created: 31/Jan/25 Updated: 31/Jan/25
Status:	To Do	
Project:	SENG637-A1-24 ATM	

Type:	Bug	Priority:	High
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

The ATM system allows \$0.00 transfers between accounts (From Checking to Savings) in V1.1

Attachments:	
Function Being Tested:	Transfer
Initial State of the System:	Valid card inserted Card #1. Checking and Savings accounts active with valid balances of \$190 and \$1000.
Steps to reproduce the Defect:	<ol style="list-style-type: none"> 1. Select "Transfer" from the main menu. 2. Choose "Checking → Savings". 3. Enter \$0.00 as the transfer amount. 4. Complete the transaction. 5. Use "Balance Inquiry" to check the updated Checking balance.
Expected Outcome:	The system should reject the \$0.00 transfer with an error message (Something like, "Invalid amount. Enter a value greater than \$0.00"), and the Account balances remain unchanged.
The Version of the SUT the bug was found:	V1.1
Actual Outcome:	The system processes the \$0.00 transfer as valid, and Saving balance is updated to \$1000.00

[A1ATM-6] Incorrect "Unknown Error" Displayed During Money Market Balance Inquiry

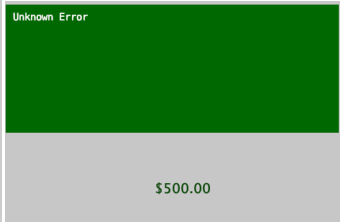
Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

When checking the Money Market account balance in V1.0, the system displays an **“Unknown Error”** message alongside \$500.00, even though the actual account balance remains unchanged.

Attachments:	
Function Being Tested:	Balance Inquiry functionality (Money Market account).
Initial State of the System:	Valid card inserted (Card #1). Money Market account active with a known balance of \$5,000
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM (Using Card #1).2. Enter the correct PIN.3. Select “Balance Inquiry” from the main menu.4. Choose “Money Market” account.5. Observe the displayed message and balance.
Expected Outcome:	The system displays the correct Money Market account balance of \$5,000 with no errors
The Version of the SUT the bug was found:	V1.0
Actual Outcome:	The system shows: “Unknown Error” and “\$500.00”
Note by: Henok	I have attempted 14 times to do a Balance Inquiry for the Money Market account and, each time it shows the same message. Assuming the initial balance is \$5000.00, this error should stop on the 10 th attempts but it didn't.

[A1ATM-7] "Invalid Account Type" Error During Money Market Balance Inquiry

Created: 31/Jan/25 Updated: 31/Jan/25

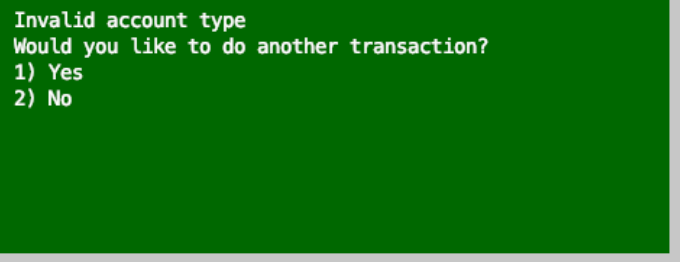
Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

When checking the Money Market account balance in V1.1, the system displays an "Invalid account type" error and prompts the user to continue transactions, even though the Money Market account is valid and has a balance of \$5,000.00.

Attachments:



```
Invalid account type
Would you like to do another transaction?
1) Yes
2) No
```

Function Being Tested:	Balance Inquiry functionality (Money Market account)
Initial State of the System:	Valid card inserted (Card #1). Money Market account active with a known balance of \$5,000
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM (Using Card #1).2. Enter the correct PIN.3. Select "Balance Inquiry" from the main menu.4. Choose "Money Market" account.5. Observe the displayed message and balance.
Expected Outcome:	The system displays the correct Money Market balance (\$5,000.00)
The Version of the SUT the bug was found:	V1.1
Actual Outcome:	The system shows: "Invalid account type" "Would you like to do another transaction?" 1) Yes 2) No"


[A1ATM-8] System Crash on Invalid 23-Digit PIN Entry Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	Critical
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

When entering an invalid 23-digit PIN during authentication in both V1.0 and V1.1, the ATM system crashes and displays a green blank screen

Attachments:	
Function Being Tested:	PIN validation and Authentication
Initial State of the System:	Valid card inserted (Card #1)
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card (e.g., Card #1).2. At the PIN entry screen, input a 23-digit number3. Observe the system response.
Expected Outcome:	The system rejects the invalid PIN with an error
The Version of the SUT the bug was found:	V1.0 and V1.1
Actual Outcome:	The system becomes unresponsive, requiring a restart

[A1ATM-9] Receipt Incorrectly Reverses Transfer Direction

Created: 31/Jan/25 Updated: 31/Jan/25

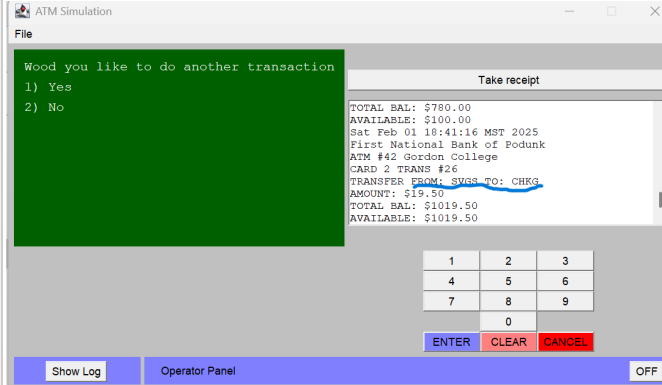
Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Falmata	Driver:	Henok
Resolution:	Unresolved	Votes:	N/A

Description

When transferring funds from Checking to Savings in both V1.0 and V1.1, the transaction receipt incorrectly labels the transfer as "Savings → Checking" instead of the intended direction.

Attachments:



Function Being Tested:	Fund transfer functionality and receipt generation.
Initial State of the System:	Valid card inserted Card #1. Checking and Savings accounts active with valid balances
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card and enter the correct PIN.2. Select "Transfer" → "Checking → Savings".3. Enter a transfer amount \$204. Noticed the transaction receipt is not correct
Expected Outcome:	Receipt displays: "Transfer: Checking → Savings, Amount: \$20"
The Version of the SUT the bug was found:	V1.0, V1.1
Actual Outcome:	Receipt erroneously displays: "Transfer: Savings → Checking, Amount: \$100". The receipt inverts the direction

[A1ATM-10] Incorrect "Unknown Error" Displayed During Saving Balance Inquiry


Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Falmata	Driver:	Henok
Resolution:	Unresolved	Votes:	N/A

Description

When checking the Savings account balance in V1.1, the system displays an **"Unknown Error"** message alongside \$500.00, even though the actual account balance remains unchanged.

Attachments:	
Function Being Tested:	Balance Inquiry functionality (Savings account).
Initial State of the System:	Valid card inserted (Card #1). Money Market account active with a known balance of \$1,000
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM (Using Card #1).2. Enter the correct PIN.3. Select "Balance Inquiry" from the main menu.4. Choose "Savings" account.5. Observe the displayed message and balance.
Expected Outcome:	The system displays the correct Money Market account balance of \$5,000 with no errors
The Version of the SUT the bug was found:	V1.1
Actual Outcome:	The system shows: "Unknown Error" and "\$500.00"

[A1ATM-11] Savings Account Missing in Balance Inquiry Menu

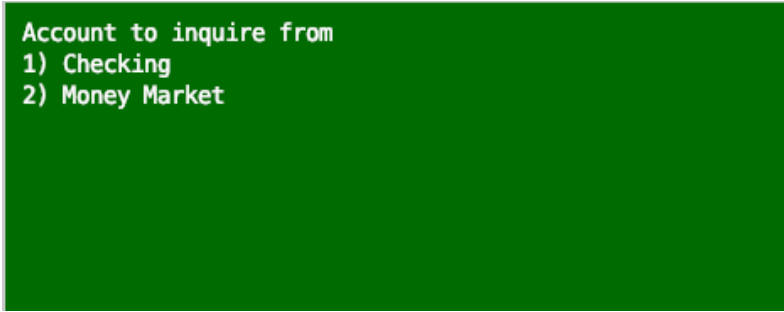
Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Falmata	Driver:	Henok
Resolution:	Unresolved	Votes:	N/A

Description

The ATM system does not display the Savings account option during balance inquiry. Users can only select Checking or Money Market, even if they have a valid Savings account.

Attachments:	
Function Being Tested:	Balance Inquiry functionality (Savings account accessibility)
Initial State of the System:	Valid card inserted (Card #1), and Savings account active with a valid balance
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM2. Enter the correct PIN3. Select "Balance Inquiry" from the main menu4. Observe the list of account options
Expected Outcome:	The system displays Checking, Savings, and Money Market as available account types
The Version of the SUT the bug was found:	V1.0
Actual Outcome:	Savings account is missing: Only two options appear: 1) Checking 2) Money Market

[A1ATM-12] No Custom Withdrawal Amount Option in ATM

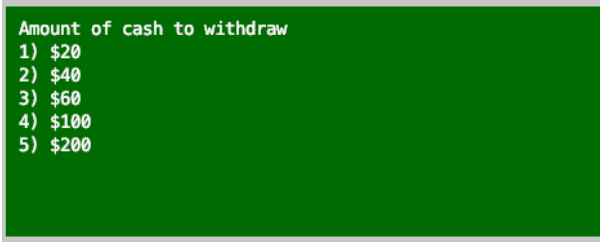
Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

In both V1.0 and V1.1, the ATM system does not allow users to enter a custom withdrawal amount. Instead, users are restricted to five preset options that can be seen on the attachments

Attachments:	 A screenshot of an ATM screen with a green background. The text on the screen reads: "Amount of cash to withdraw" followed by a numbered list: "1) \$20", "2) \$40", "3) \$60", "4) \$100", and "5) \$200".
Function Being Tested:	Withdrawal transaction flexibility (custom amount input)
Initial State of the System:	Valid card inserted (Card #1), and Sufficient account balance for withdrawal
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM2. Enter the correct PIN3. Select "Withdraw" from the main menu4. Observed the withdrawal options
Expected Outcome:	The system provides preset amounts (e.g., \$20, \$40) AND a "Custom Amount" option for manual input
The Version of the SUT the bug was found:	V1.0, V1.1
Actual Outcome:	Only five preset amounts are displayed, with no option to enter a custom value

[A1ATM-13] No Custom Withdrawal Amount Option in ATM

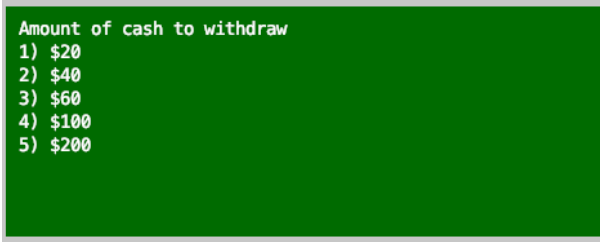
Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	High
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

In both V1.0 and V1.1, the ATM system does not allow users to enter a custom withdrawal amount. Instead, users are restricted to five preset options that can be seen on the attachments

Attachments:	 A screenshot of an ATM screen with a green background. The text on the screen reads: "Amount of cash to withdraw" followed by a numbered list: "1) \$20", "2) \$40", "3) \$60", "4) \$100", and "5) \$200".
Function Being Tested:	Withdrawal transaction flexibility (custom amount input)
Initial State of the System:	Valid card inserted (Card #1), and Sufficient account balance for withdrawal
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM2. Enter the correct PIN3. Select "Withdraw" from the main menu4. Observed the withdrawal options
Expected Outcome:	The system provides preset amounts (e.g., \$20, \$40) AND a "Custom Amount" option for manual input
The Version of the SUT the bug was found:	V1.0, V1.1
Actual Outcome:	Only five preset amounts are displayed, with no option to enter a custom value

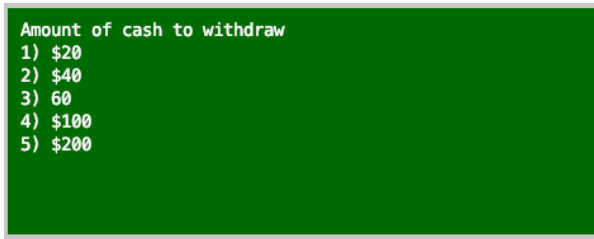
[A1ATM-14] Missing "\$" Sign in Withdrawal Option 3 Created: 31/Jan/25 Updated: 31/Jan/25

Status:	To Do
Project:	SENG637-A1-24 ATM

Type:	Bug	Priority:	Low
Reporter:	Henok	Driver:	Falmata
Resolution:	Unresolved	Votes:	N/A

Description

The “\$” sign is missing in front of the withdrawal amount for Option 3 (60)

Attachments:	
Function Being Tested:	Withdrawal
Initial State of the System:	Valid card inserted (Card #1), and Withdrawal menu displayed.
Steps to reproduce the Defect:	<ol style="list-style-type: none">1. Insert a valid card into the ATM2. Enter the correct PIN3. Select “Withdraw” from the main menu4. Observed the typo error on the amount to withdrawal options
Expected Outcome:	All withdrawal options include the “\$” sign
The Version of the SUT the bug was found:	V1.1
Actual Outcome:	Option 3 is missing the “\$” sign