

[S4L-17] [1.0 Unknown error message displayed for balance inquiry on card #1](#)

Created: 15/Feb/25 Updated: 15/Feb/25

Reporter:	Shalin Wick	Assignee:	Unassigned
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Description**Function Being Tested:**

Balance inquiry function

Initial State of the System:

The ATM is powered ON

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 1)
2. Enter the correct PIN (42)
3. Select the “Balance inquiry” option from the menu
4. Select the “Money market” option from the menu

Expected Outcome:

- The ATM should correctly display the dollar amount in the money market.

Actual Outcome:

The ATM sends an “Unknown error” message, and an unrelated \$500 live-graphic appears underneath the main selection window.

CommentsComment by [Shalin Wick](#) [15/Feb/25]

Issue resolved in ATM Version 1.1

[S4L-16] [1.0 When an incorrect PIN is entered, the correct PIN must be entered in twice in order to gain access](#) Created: 15/Feb/25 Updated: 15/Feb/25

Reporter:	Shalin Wick	Assignee:	Unassigned
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Description

Function Being Tested:

Card authentication and security function

Initial State of the System:

The ATM is powered ON

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 2).
2. Enter an incorrect PIN (17).
3. Note the incorrect PIN/re-entry prompt and enter the correct PIN (1234)
4. System will again prompt for PIN entry, enter the correct PIN again (1234)

Expected Outcome:

- Will accept the correct PIN upon re-entry after a mistake.

Actual Outcome:

The ATM doubles down on the PIN prompts, requiring two separate entries of the correct PIN after an incorrect one was initially entered.

[S4L-15] [1.0 New transaction prompt spelling error](#) Created: 15/Feb/25 Updated:
15/Feb/25 Resolved: 15/Feb/25

Reporter:	Shalin Wick	Assignee:	Unassigned
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Description

Function Being Tested:

New transaction function

Initial State of the System:

The ATM is powered ON

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 2)
2. Enter the correct PIN (1234)
3. Continue throughout the prompts with selection up to your preference
4. Observe the new transaction prompt after action is finished executing

Expected Outcome:

- The new transaction prompt should include proper spelling: "Would you like to do another transaction?".

Actual Outcome:

The ATM displays the message: "Wood you like to do another transaction?".

Comments

Comment by [Shalin Wick](#) [15/Feb/25]

Issue resolved in ATM Version 1.1

[S4L-14] 1.0: MFT- Incorrect Withdrawal Amount Recorded Despite Insufficient Balance Created: 15/Feb/25 Updated: 15/Feb/25

Reporter:	OKIBE ABANG	Assignee:	Unassigned
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Description

Initial System State: The system is requesting a withdrawal amount

Recreate the Bug:

- Turn on the system
- Enter 100 twenty-dollar bills
- Insert card 2 and enter the pin(1234) using the simulated keyboard
- Select option 1 (Withdrawal) using the simulated keyboard
- Select option 1 (Checking) as the account to withdraw from using the simulated keyboard
- Select option 5(\$200) as the amount of cash to withdraw using the simulated keyboard

Expected Output:

The system displays an appropriate message and offers the customer the option of choosing to do another transaction or not.

Actual Output: The system chooses the wrong amount of \$20 and prints a receipt based on that:

Mon Feb 08 00:02:33 MST 2025
First National Bank of Podunk
ATM #42 Gordon College
CARD 3 TRANS #1
WITHDRAWAL FROM: CHKG
AMOUNT: \$20.00
TOTAL BAL: \$80.00
AVAILABLE: \$80.00

[S4L-13] [1.0: The transfer function switches to and from accounts on the receipt](#)

Created: 15/Feb/25 Updated: 15/Feb/25

Reporter:

[OKIBE ABANG](#)

Assignee:

Unassigned

Description

Initial System State:

System is Off

Recreate the bug:

- Turn on the system
- Enter 10 twenty-dollar bills
- Insert card 2 and enter the pin(1234) using the simulated keyboard
- Select option 3 (Transfer) using the simulated keyboard
- Select option 3 (Money Market) as the account to transfer from using the simulated keyboard
- Select option 1(Checking) as the account to transfer to using the simulated keyboard
- Enter 70.00 as the amount to transfer using the simulated keyboard

Expected Output: TRANSFER FROM: MMKT TO: CHKG

Actual Output: TRANSFER FROM: CHKG TO: MMKT

[S4L-12] [1.0: System crashes when attempting to deposit over \\$22,000,000](#) Created:

15/Feb/25 Updated: 15/Feb/25

Reporter:	Shalin Wick	Assignee:	Unassigned
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Description

Function Being Tested:

Deposit function

Initial State of the System:

ATM is turned ON

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 2 used)
2. Enter the correct PIN (1234)
3. Select the "Deposit" option from the menu
4. Enter an amount greater than or equal to \$22,000,000

Expected Outcome:

- The ATM should either deposit this amount, or give a warning prompt to the user saying the deposit amount is too high.

Actual Outcome:

The system crashes, buttons lose all function and the pop up to insert the cheque does not appear. A full restart is required to interact with the system again.

Comments

Comment by [Shalin Wick](#) [15/Feb/25]

Issue unresolved in ATM Version 1.1

[S4L-11] [1.0: Incorrect Withdrawal during Manual Testing](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Rakshita Suri	Assignee:	Unassigned
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Description

Function Being Tested:

Withdrawal Function

Initial State of the System:

The ATM on, and the account has a sufficient balance withdraw.

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 1 here).
2. Enter the correct PIN.
3. Select the "Withdraw" option from the menu.
4. Choose either 20, 40, or 200

Expected Outcome:

- The ATM should dispense the exact amount selected.
- The receipt should correctly show the withdrawn amount and the updated account balance.
- The system should accurately record the transaction in the log, showing both the request sent to the bank and the approval response.

Actual Outcome:

The ATM dispenses an incorrect amount of cash, which does not match the selected withdrawal amount.

Comments

Comment by [Rakshita Suri](#) [10/Feb/25]

This issue partially exists in version 1.1

[S4L-10] [1.0: Incorrect balance displayed after depositing \\$20.](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Rakshita Suri	Assignee:	Unassigned
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Description

Function Being Tested:

Deposit Function and Balance Inquiry

Initial State of the System:

The ATM is powered on, and the customer chooses to see balance inquiry after depositing 1 \$20 bill.

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 1 here).
2. Enter the correct PIN.
3. Deposit \$20 into the account.
4. Select the "Balance Inquiry" option to check the current balance.

Expected Outcome:

The ATM should display a balance of \$120, assuming that the initial amount in the chequing amount is \$100.

Actual Outcome:

The ATM incorrectly displays a balance of \$100 instead of the actual balance of \$120 after the deposit.

Comments

Comment by [Rakshita Suri](#) [10/Feb/25]

This issue is not fixed in version 1.1

[S4L-9] [1.0: Incorrect amount dispensed for \\$20 withdrawal](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Rakshita Suri	Assignee:	Unassigned
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Description

Function Being Tested:

Withdraw Function

Initial State of the System:

The ATM (Lab 1 Version 1.0) is on and the customer chooses to withdraw from the chequing account.

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 1 in this case).
2. Enter the correct PIN.
3. Select the "Withdraw" option from the menu.
4. Enter the withdrawal amount as \$20.

Expected Outcome:

The ATM should dispense \$20 in cash, reflecting the correct amount requested by the user.

Actual Outcome:

The ATM dispenses only \$40 instead of the requested \$20.

Comments

Comment by [Rakshita Suri](#) [10/Feb/25]

This issue is fixed in version 1.1

[S4L-8] [1.0: Incorrect amount dispensed for \\$40 withdrawal](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Rakshita Suri	Assignee:	Unassigned
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Description

Function Being Tested:

Withdraw Function

Initial State of the System:

The ATM is powered on, and the customer chooses to withdraw from chequing account.

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 1 in this case).
2. Enter the correct PIN.
3. Select the "Withdraw" option from the menu.
4. Enter the withdrawal amount as \$40.

Expected Outcome:

The ATM should dispense \$40 in cash, reflecting the correct amount requested by the user.

Actual Outcome:

The ATM dispenses \$60 instead of the requested \$40.

Comments

Comment by [Rakshita Suri](#) [10/Feb/25]

This issue is fixed in version 1.1

[S4L-7] [1.0: Incorrect amount dispensed for \\$200 withdrawal command.](#) Created:

10/Feb/25 Updated: 10/Feb/25

Reporter: [Rakshita Suri](#) **Assignee:** Unassigned

Description

Function Being Tested:

Withdraw Function

Initial State of the System:

The ATM is powered on and the user decides to withdraw from chequing account

Detailed Steps to Reproduce the Defect/Bug:

1. Insert a valid ATM card (card 1 in this case).
2. Enter the correct PIN to access the account.
3. Select the "Withdraw" option from the menu.
4. Enter the withdrawal amount as \$200 and confirm the transaction.

Expected Outcome:

The ATM should dispense \$200 in cash, reflecting the correct amount requested by the user.

Actual Outcome:

The ATM dispenses only \$20 instead of the requested \$200.

Comments

Comment by [Rakshita Suri](#) [10/Feb/25]

The issue still exists in Version 1.1

[S4L-6] [1.1: ATM now correctly updates withdrawal balance](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Mohit Kaila	Assignee:	Unassigned
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Description

- Insert Card #1
- Enter PIN: 42
- Select Withdraw
- Choose Checking Account
- Enter \$20

Expected Output: ATM should dispense exactly \$20.

Actual Output: Bug fixed in v1.1, ATM now correctly withdraws \$20 and updates balance.

Fixed in Version: ATM 1.1

[S4L-5] [1.0 ATM withdraws higher than requested](#) Created: 10/Feb/25 Updated: 10/Feb/25 Resolved: 10/Feb/25

Reporter:	Mohit Kaila	Assignee:	Unassigned
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Description

- Insert Card #1
 - Enter PIN: 42
 - Select Withdraw
 - Choose Checking Account
 - Enter \$40
- Expected Output: ATM should dispense \$40.
Actual Output: ATM dispenses \$60 and incorrectly updates balance.
Fixed in Version: ATM 1.1

[S4L-4] [1.0 ATM deducts \\$0.50 less on transfers](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Mohit Kaila	Assignee:	Unassigned
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Description

1. Insert Card #1
2. Enter PIN: 42
3. Select Transfer
4. Choose From Checking → To Savings
5. Enter \$50

Expected Output: Transfer should be exactly \$50.

Actual Output: Transfer amount is always \$0.50 less (\$49.50 instead of \$50).

[S4L-3] 1.0 Transfer receipt shows incorrect From and To accounts Created:

10/Feb/25 Updated: 10/Feb/25

Reporter:

[Mohit Kaila](#)

Assignee:

Unassigned

Description

Steps to Reproduce:

1. Insert Card #2
2. Enter PIN: 1234
3. Select Transfer
4. Choose From Money Market → To Checking
5. Enter \$100

Expected Output: Receipt should show:

TRANSFER FROM: MMKT TO: CHKG

Actual Output: Receipt incorrectly shows:

TRANSFER FROM: CHKG TO: MMKT

[S4L-2] [1.0 ATM dispenses incorrect withdrawal amount](#) Created: 10/Feb/25 Updated:
10/Feb/25 Resolved: 10/Feb/25

Reporter:	Mohit Kaila	Assignee:	Unassigned
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Description

- Insert Card #1
 - Enter PIN: 42
 - Select Withdraw
 - Choose Checking Account
 - Enter \$60
- Expected Output: ATM should dispense exactly \$60.
Actual Output: ATM dispenses \$100 instead of \$60, balance becomes \$0 instead of \$40.
Fixed in Version: ATM 1.1

Comments

Comment by [Mohit Kaila](#) [10/Feb/25]

Fixed in Version: ATM 1.1

[S4L-1] [1.0 ATM displays incorrect card number on receipt](#) Created: 10/Feb/25 Updated: 10/Feb/25

Reporter:	Mohit Kaila	Assignee:	Unassigned
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Description

1. Insert Card #1
 2. Enter PIN: 42
 3. Perform any transaction (Withdraw, Deposit, Transfer)
 4. Check the transaction receipt
- Expected Output: The correct card number should be shown.
Actual Output:
- Card #1 transactions show Card #2.
 - Card #2 transactions show Card #3.

Comments

Comment by [Mohit Kaila](#) [10/Feb/25]

The issue exists in v1.1

