

Transactions Test (SBT-7)

[SBT-28] ET : System does not display "\$" sign in withdrawal option 3

Created: 29/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1.1
Fix versions:	None
Parent:	Transactions Test

Type:	Bug	Priority:	Low
Reporter:	Maheen Hoque	Assignee:	Dipu Khan
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: Windows 10• Java Version: JDK 17.0.15.6• ATM System: Version 1.1		

Description

Function Being Tested:

System displays a menu of possible withdrawal amounts

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 2 inserted and PIN 1234 entered successfully (Can be reproduced with any card)

Steps to Reproduce:

1. Start from initial state
2. User chooses "Withdrawal" transaction type
3. User chooses any valid account to withdraw from

Expected Outcome:

System shows a list of possible withdraw amount each starting with a \$ (dollar) sign

Actual Outcome:

3rd option of possible withdraw amount does not start with a \$ (dollar) sign

Justification for Severity:

This can be classified as an UI bug. This does not disrupt any core user functionality.

Inquiry Test (SBT-8)



[SBT-27] MFT : The system doesn't accept the correct PIN after 2 wrong PIN entries.

Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	ATM V1
Parent:	Inquiry Test

Type:	Bug	Priority:	High
Reporter:	210_DHRUVI	Assignee:	Jasdeep Singh
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: windows 11Java Version: "17.0.4.1" 2022-08-18 LTSATM System: Version 1.0		

Description

Function Being Tested: Correct re-entry on the third try is accepted

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 2 inserted and wrong PIN 12 entered
- wrong PIN 2 entered

Steps to Reproduce:

1. Power on the ATM system and enter 25 for initial cash amount
2. Click "Click to insert card" button
3. Enter card number: 2
4. Enter PIN: 12 using the keypad
5. Re Enter PIN: 2 using the keypad
6. Re Enter PIN: 1234 using the keypad

7. Observe the ATM Display

Expected Outcome:

The ATM should accept the PIN and display different Transaction .

Actual Outcome: The ATM display to enter PIN again.

Comments

Comment by [210_DHRUVI](#) [29/Jan/26]

Defect still exists in version 1.1

Inquiry Test (SBT-8)

 [SBT-26] **MFT : The system doesn't accept correct PIN after a wrong PIN entry.** Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	ATM V1
Parent:	Inquiry Test

Type:	Bug	Priority:	High
Reporter:	210_DHRUVI	Assignee:	Jasdeep Singh
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: windows 11• Java Version: "17.0.4.1" 2022-08-18 LTS• ATM System: Version 1.0		

Description

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

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 1 inserted and wrong PIN 12 entered

Steps to Reproduce:

1. Power on the ATM system and enter 25 for initial cash amount
2. Click "Click to insert card" button
3. Enter card number: 2
4. Enter PIN: 12 using the keypad
5. Re Enter PIN: 1234 using the keypad
6. Observe the ATM Display

Expected Outcome:

The ATM should accept the PIN and display different Transaction .

Actual Outcome: The ATM display to enter PIN again.

Comments

Comment by [210_DHRUVI](#) [29/Jan/26]

Defect still exists in version 1.1

[PIN and Card Number Handling Test](#) (SBT-9)

 [SBT-25] [MFT: System does not do a transfer transaction correctly](#) Created:

26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	PIN and Card Number Handling Test

Type:	Bug	Priority:	High
Reporter:	Jasdeep Singh	Assignee:	210 DHRUVI
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: macOS 26.1• Java Version: "25.0.1" 2025-10-21 LTS• ATM System: Version 1.0		

Description

Function Being Tested:

System performs a legitimate transfer transaction properly

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 1 inserted and PIN 42 entered successfully
- User chooses "Transfer" transaction type
- User chooses "Checking" as transfer from account and then chooses "Savings" as transfer to account
- System is displaying a request for the user to type a dollar amount

Steps to Reproduce:

1. Power on the ATM system and enter 25 for initial cash amount
2. Click "Click to insert card" button
3. Enter card number: 1
4. Enter PIN: 42 using the keypad
5. Press 3 to select "Transfer" transaction
6. Press 1 to select "Checking" as the transfer source

7. Press 2 to select "Savings" as the transfer destination
8. Enter "100.00" as amount to transfer and press "Enter"

Expected Outcome:

The printed receipt should display:

TRANSFER FROM: CHKG TO: SVGS

AMOUNT: \$100.00

TOTAL BAL: \$1100.00

AVAILABLE: \$1100.00

The log should show:

Message: TRANSFER CARD# 1 TRANS# 1 FROM 0 TO 1 \$100.00

Response: SUCCESS

Actual Outcome:

The printed receipt shows:

TRANSFER FROM: SVGS TO: CHKG (from and to must be correctly mentioned)

AMOUNT: \$99.50

TOTAL BAL: \$1099.50

AVAILABLE: \$1099.50

Comments

Comment by [Jasdeep Singh](#) [28/Jan/26]

Defect still exists in version 1.1

Now the transfer amount is correct, but the receipt still shows the wrong “from” and “to” accounts

Transactions Test (SBT-7)

[SBT-24] **ET: System shows wrong total balance on deposit** Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	Transactions Test

Type:	Bug	Priority:	High
Reporter:	Jasdeep Singh	Assignee:	210 DHRUVI
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: macOS 26.1• Java Version: "25.0.1" 2025-10-21 LTS• ATM System: Version 1.0		

Description

Function Being Tested:
System validates envelope insertion

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 2 inserted and PIN 1234 entered successfully
- User chooses "Deposit" transaction type
- User chooses "Money Market" to deposit
- User enters "100.00" amount and clicks "Click to insert envelope"

Steps to Reproduce:

1. Power on the ATM system and enter 25 for initial cash amount
2. Click "Click to insert card" button
3. Enter card number: 2
4. Enter PIN: 1234 using the keypad
5. Press 2 to select "Deposit" transaction
6. Press 3 to select "Money Market" as the destination source
7. Enter "100.00" amount using the simulated keypad to deposit

8. Click "Click to insert envelope"
9. Observe the receipt that is printed

Expected Outcome:

DEPOSIT TO: MMKT
AMOUNT: \$100.00
TOTAL BAL: \$5100.00
AVAILABLE: \$5000.00

Actual Outcome:

DEPOSIT TO: MMKT
AMOUNT: \$100.00
TOTAL BAL: \$5090.00
AVAILABLE: \$5000.00

Justification for Severity:

This is an issue with the core functionality. The ATM machine fails to acknowledge the deposit of \$100. It only shows \$90.

Comments

Comment by [Jasdeep Singh](#) [28/Jan/26]

Defect still exists in version 1.1

However, the difference in amount is now only 10 cents.

[Transactions Test](#) (SBT-7)

[SBT-23] [ET: Incorrect withdrawal amount after trying to withdraw maximum amount \(\\$200\) from money market account](#) Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	Transactions Test

Type:	Bug	Priority:	High
Reporter:	Jasdeep Singh	Assignee:	210_DHRUVI
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: macOS 26.1Java Version: "25.0.1" 2025-10-21 LTSATM System: Version 1.0		

Description

Function Being Tested:
Withdrawal Transaction with maximum amount

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 2 inserted and PIN 1234 entered successfully
- User chooses "Withdrawal" transaction type
- User chooses "Money Market" Account to withdraw
- User chooses "\$200" to withdraw

Steps to Reproduce:

- Power on the ATM system and enter 25 for initial cash amount
- Click "Click to insert card" button
- Enter card number: 2
- Enter PIN: 1234 using the keypad
- Press 1 to select "Withdrawal" transaction

6. Press 3 to select "Money Market" account as the withdrawal source
7. Press 5 to select "\$200" withdrawal amount
8. Observe the receipt that is printed

Expected Outcome:

The printed receipt should display:

WITHDRAWAL FROM: MMKT

AMOUNT: \$200.00

TOTAL BAL: \$4800.00

AVAILABLE: \$4800.00

Actual Outcome:

The printed receipt shows:

WITHDRAWAL FROM: MMKT

AMOUNT: \$20.00

TOTAL BAL: \$4980.00

AVAILABLE: \$4980.00

Justification for Severity:

This is an issue with the core functionality. The ATM machine dispenses incorrect withdrawal amount.


Comments

Comment by [Maheen Hoque](#) [29/Jan/26]

[Jasdeep Singh](#) review this ticket. There is some inconsistencies with the card number

Comment by [Jasdeep Singh](#) [29/Jan/26]

[Maheen Hoque](#) sorry about that. It is fixed now. Thanks!

Inquiry Test (SBT-8)	
 [SBT-22] ET: System incorrectly withdraws \$500 and shows error when inquiring from Money Market account from card 1 Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26	
Status:	Fixed in V1.1
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1
Fix versions:	ATM V1.1
Parent:	Inquiry Test

Type:	Bug	Priority:	High
Reporter:	Jasdeep Singh	Assignee:	210 DHRUVI
Resolution:	RESOLVED	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: macOS 26.1• Java Version: "25.0.1" 2025-10-21 LTS• ATM System: Version 1.0		

Description
Function Being Tested: Inquiry Transaction from an invalid account
Initial State of System: <ul style="list-style-type: none">• System is powered on with \$500 initial cash (25 bills of \$20)• Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000• Card 1 inserted and PIN 42 entered successfully• User chooses "Balance Inquiry" transaction type• User chooses "Money Market" account type
Steps to Reproduce: <ol style="list-style-type: none">1. Power on the ATM system and enter 25 for initial cash amount2. Click "Click to insert card" button3. Enter card number: 14. Enter PIN: 42 using the keypad5. Press 4 to select "Balance Inquiry" transaction

6. Press 2 to select "Money Market"

Expected Outcome:


The simulated ATM display should show error as a "Money Market" account is not available for card 1.

Actual Outcome:

The ATM dispenses \$500, simulated ATM display shows "Unknown Error" and a receipt is printed for Savings Account.

Justification for Severity:

This is an issue with the core functionality. The ATM machine dispenses \$500 incorrectly and shows account balance from savings account.

<u>Inquiry Test</u> (SBT-8)	
 [SBT-21] <u>ET: System does not show "Savings Account" in balance inquiry</u>	
Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26	
Status:	Fixed in V1.1
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1
Fix versions:	ATM V1.1
Parent:	Inquiry Test

Type:	Bug	Priority:	High
Reporter:	Jasdeep Singh	Assignee:	210 DHRUVI
Resolution:	RESOLVED	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: macOS 26.1• Java Version: "25.0.1" 2025-10-21 LTS• ATM System: Version 1.0		

Description

Function Being Tested: Balance Inquiry Transaction for Savings Account
Initial State of System: <ul style="list-style-type: none">• System is powered on with \$500 initial cash (25 bills of \$20)• Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000• Card 1 inserted and PIN 42 entered successfully• User chooses "Balance Inquiry" transaction type• User is at the "Account to inquire from" screen
Steps to Reproduce: <ol style="list-style-type: none">1. Power on the ATM system and enter 25 for initial cash amount2. Click "Click to insert card" button3. Enter card number: 14. Enter PIN: 42 using the keypad5. Press 4 to select "Balance Inquiry" transaction

Expected Outcome:

The simulated ATM display should show as follows:

Account to inquire from

1. Checking
2. Savings

Actual Outcome:

The simulated ATM display shows as follows:

Account to inquire from

1. Checking
2. Money Market

Justification for Severity:

This is an issue with the core functionality. The ATM machine does not display savings account option to do balance inquiry.

Transactions Test (SBT-7)

 [SBT-20] **ET: Incorrect withdrawal amount after trying to withdraw \$100 from savings account** Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Fixed in V1.1
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1
Fix versions:	ATM V1.1
Parent:	Transactions Test

Type:	Bug	Priority:	High
Reporter:	Jasdeep Singh	Assignee:	210_DHRUVI
Resolution:	RESOLVED	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: macOS 26.1• Java Version: "25.0.1" 2025-10-21 LTS• ATM System: Version 1.0		

Description

Function Being Tested:

Withdrawal Transaction from Savings Account

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 1 inserted and PIN 42 entered successfully
- User chooses "Withdrawal" transaction type
- User chooses "Savings Account" to withdraw
- User is at the "Amount of cash to withdraw" screen

Steps to Reproduce:

1. Power on the ATM system and enter 25 for initial cash amount
2. Click "Click to insert card" button
3. Enter card number: 1
4. Enter PIN: 42 using the keypad
5. Press 1 to select "Withdrawal" transaction
6. Press 2 to select "Savings account" as the withdrawal source

7. Press 4 to select "\$100" withdrawal amount
8. Observe the receipt that is printed

Expected Outcome:

The printed receipt should display:

WITHDRAWAL FROM: SVGS

AMOUNT: \$100.00

TOTAL BAL: \$900.00

AVAILABLE: \$900.00

Actual Outcome:

The printed receipt shows:

WITHDRAWAL FROM: SVGS

AMOUNT: \$200.00

TOTAL BAL: \$800.00

AVAILABLE: \$800.00

Justification for Severity:

This is an issue with the core functionality. The ATM machine dispenses incorrect withdrawal amount.

[Inquiry Test](#) (SBT-8)

[SBT-19] [ET : Cannot do balance inquiry for money market account](#) Created:

26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Fixed in V1.1
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1
Fix versions:	ATM V1.1
Parent:	Inquiry Test

Type:	Bug	Priority:	High
Reporter:	210 DHRUVI	Assignee:	Jasdeep Singh
Resolution:	RESOLVED	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: windows 11Java Version: "17.0.4.1" 2022-08-18 LTSATM System: Version 1.0		

Description

Function Being Tested: System displays inquiry for money market account

Initial State of System:

- System is powered on with \$500 initial cash (25 bills of \$20)
- Account balances: Checking: \$100, Savings: \$1,000, Money Market: \$5,000
- Card 2 inserted and PIN 1234 entered successfully
- User chooses "Balance Inquiry" transaction type
- User chooses "Money Market" as transfer from account and then chooses "Savings" as transfer to account
- System is displaying a request for the user to type a dollar amount

Steps to Reproduce:

1. Power on the ATM system and enter 25 for initial cash amount
2. Click "Click to insert card" button
3. Enter card number: 2
4. Enter PIN: 1234 using the keypad
5. Press 4 to select "Balance Inquiry" transaction

6. Press 2 to select "Money Market" as the transfer source
7. Observe the ATM Display

Expected Outcome:

The printer should display: Balance for money market account

Actual Outcome: The ATM display shows Invalid Account type.

Transactions Test (SBT-7)

[SBT-18] MFT : System prints an incorrect receipt showing wrong card information

Created: 26/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	Transactions Test

Type:	Bug	Priority:	Highest
Reporter:	Dipu Khan	Assignee:	Maheen Hoque
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">• OS: Windows 10• Java Version: JDK 17.0.15.6• ATM System: Version 1.0		

Issue links:	Relates
	relates SBT-17 ET: System returns wrong amount in wi... Fixed in V1.1

Description

Function Being Tested:

Withdrawal from valid accounts

Initial State of System:

- System is initialed with \$2000 (100*20 bill) and a card is inserted (1 or 2)
- System is displaying the menu of withdrawal amounts for inserted card

Steps to Reproduce:

1. Select any valid account type for the given card

2. Select any valid withdraw amount, within the bounds of account balance and amount available in the ATM (in this case, for checking account, up to \$100 - options 1, 2, 3, or 4. For savings account, up to \$400 - options 1, 2, 3, 4, or 5).

Expected Outcome:

The system should:

- System dispenses this amount of cash
- System prints a correct receipt showing amount and correct updated balance
- System records transaction correctly in the log

Actual Outcome:

- The system withdraws a completely different amount (Note: if \$20 is selected, \$40 gets withdrawn. If \$40 is selected, \$60 gets withdrawn and so on. The issue seems like a mapping error between the options and the amount)
- System incorrectly identifies the card as another card
- System prints a receipt showing the amount and updated balance which takes the incorrect amount into consideration

Justification for Severity:

This hinders a core function of the ATM system, making it incapable of doing accurate withdrawal. System also records the transaction under a wrong card number, which leaves no proof of error for the cardholder. Hence, it has the highest severity.

Comments

Comment by [Jasdeep Singh](#) [28/Jan/26]

Defect still exists in version 1.1

The wrong card number is shown.

Transactions Test (SBT-7)



[SBT-17] ET: System returns wrong amount in withdrawal process from any account.

Created: 25/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Fixed in V1.1
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1
Fix versions:	None
Parent:	Transactions Test

Type:	Bug	Priority:	Highest
Reporter:	Maheen Hoque	Assignee:	Dipu Khan
Resolution:	RESOLVED	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: Windows 10Java Version: JDK 17.0.15.6ATM System: Version 1.0		

Issue links:	Relates
	relates to SBT-18 MFT : System prints an incorrect rec... Bugs

Description

Function Being Tested:

Withdrawal from any account

Initial State of System:

- System is powered on with \$2000 initial cash (100 bills of \$20)

Steps to Reproduce:

1. Start from the initial state
2. Enter Card
3. Enter Card Number (1)
4. Select withdrawal (1)
5. Select any valid account type for the given card (1 or 2 in this case)

6. Select any valid withdraw amount, within the bounds of account balance and amount available in the ATM (in this case, for checking account, up to \$100 - options 1, 2, 3, or 4. For savings account, up to \$400 - options 1, 2, 3, 4, or 5).

Expected Outcome:

The system should:

- Withdraw the exact amount entered

Actual Outcome:

The system withdraws a completely different amount

(Note: if \$20 is selected, \$40 gets withdrawn. If \$40 is selected, \$60 gets withdrawn and so on. The issue seems like a mapping error between the options and the amount)

Justification for Severity:

This hinders a core function of the ATM system, making it incapable of doing accurate withdrawal. Hence, it has the highest severity.

PIN and Card Number Handling Test (SBT-9)

[SBT-16] ET: System does not reject invalid card number immediately

Created: 25/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	PIN and Card Number Handling Test

Type:	Bug	Priority:	Medium
Reporter:	Maheen Hoque	Assignee:	Dipu Khan
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: Windows 10Java Version: JDK 17.0.15.6ATM System: Version 1.0		

Description

Function Being Tested:

Card number validation

Initial State of System:

- System is powered on with \$2000 initial cash (100 bills of \$20)

Steps to Reproduce:

- Start from the initial state
- Enter card
- Enter incorrect card number (example: 0000 or 9999)

Expected Outcome:

The system should immediately reject the card showing “invalid card number“

Actual Outcome:

The system:

- Transitions into the state of prompting for PIN number entry.

(Note: After entering the PIN number, whether correct or incorrect, the system then rejects the card, not before.)

Justification for Severity:

This does not hinder any critical function. However, it can cause confusion for the user and costs an unnecessary step in the user flow, when it could have been a much simpler interaction. Hence, medium.

Comments

Comment by [210_DHRUVI](#) [29/Jan/26]

defect still exists in version 1.1

PIN and Card Number Handling Test (SBT-9)

 [SBT-15] ET: System does not transition to operations menu on successful PIN entry after 2 failed pin entry attempts Created: 25/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	PIN and Card Number Handling Test

Type:	Bug	Priority:	Medium
Reporter:	Maheen Hoque	Assignee:	Dipu Khan
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: Windows 10Java Version: JDK 17.0.15.6ATM System: Version 1.0		

Description

Function Being Tested:

PIN number validation - PIN number entry attempts

Initial State of System:

- System is powered on with \$2000 initial cash (100 bills of \$20)

Steps to Reproduce:

- Start from the initial state
- Enter Card
- Enter Card Number (1)
- Enter invalid card PIN twice (example: 0000 or 9999)
- Enter the correct PIN number (42)

Expected Outcome:

The system should:

- Accept the PIN number and lead to the operations menu, displaying the transaction options

Actual Outcome:

The system prompts the user again to enter PIN number

(Note: After that prompt, if correct PIN number is entered, the system transitions to the operations menu)

Justification for Severity:

This does not hinder any critical function, however, it can potentially cause confusion for the user, hence, medium.

Comments

Comment by [210_DHRUVI](#) [29/Jan/26]

defect still exists in version 1.1

System Startup and Shutdown Test (SBT-5)

 [SBT-14] ET: System shutdown event does not show up on the log Created:

25/Jan/26 Updated: 30/Jan/26 Resolved: 30/Jan/26

Status:	Bugs
Project:	SENG637-Bug-Tracker
Components:	None
Affects versions:	ATM V1 , ATM V1.1
Fix versions:	None
Parent:	System Startup and Shutdown Test

Type:	Bug	Priority:	Low
Reporter:	Maheen Hoque	Assignee:	Dipu Khan
Resolution:	IN-PROGRESS	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Environment:	<ul style="list-style-type: none">OS: Windows 10Java Version: JDK 17.0.15.6ATM System: Version 1.0		

Description

Function Being Tested:

System startup and shutdown - logging event

Initial State of System:

- System is powered on with \$2000 initial cash (100 bills of \$20)

Steps to Reproduce:

- Start from the initial state
- Click on the “OFF“ button
- Click on the “Show Log“ button
- View the logs

Expected Outcome:

The logs should display:

- System shutdown event with date-time

Actual Outcome:

The logs shows nothing

(Note: The logging event may not be properly captured)

Justification for Severity:

This does not hinder any critical function, neither does it cause problems for users. Hence it is deemed low.

Comments

Comment by [210_DHRUVI](#) [29/Jan/26]

defect still exists in version 1.1

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