

Error occurred during balance inquiry for savings account

Created: 01/Feb/25 Updated: 01/Feb/25

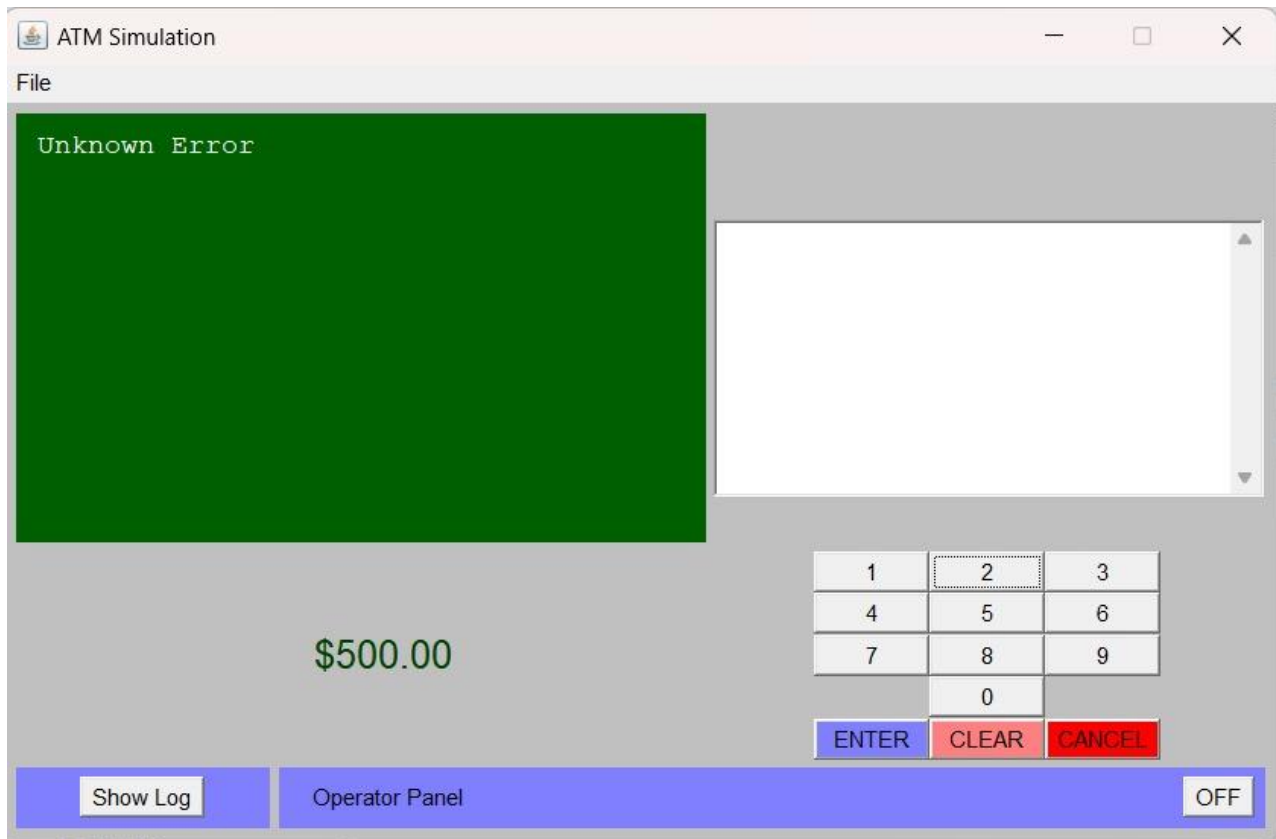
Status:	In Review
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Gauri Jadhav	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Savings account balance inquiry
Initial System State:	System is ON status, with certain cards accepted.
Steps to Reproduce bug:	<ol style="list-style-type: none">1- Card -1 is inserted.2- Correct Pin is entered.3- Option 4, Balance inquiry selected.4- Option 2, Saving account selected
Outcome expected:	Balance amount \$1000 be displayed.
Actual outcome:	Balance amount: 1000 along with "Unknown Error" and dispensing \$500
Version for SUT:	1.1

Description

For card 1 while enquiring balance, an unforeseen error occurred. System shows “Unknown Error” and dispensed \$500



MFT: Invalid PIN Extension

Created: 01/Feb/25 Updated: 01/Feb/25

Status:	In Progress
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Low
Reporter:	Khushi Desai	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Correct pin needs to be entered twice after incorrect pin is entered.
Initial System State	Request to reenter PIN is being shown after entering user number.
steps to reproduce bug:	Click "Click to insert card." Enter "1" as the card number and press Enter. Input "84" via keypad and click "Enter" to access the account. Enter "42," "24," "42," and "42," each time clicking "Enter" to proceed.
outcome expected:	Original transaction completed successfully.
Actual outcome:	System asks to enter correct PIN twice (2x) after incorrect PIN entry in 2 nd time.
Version for SUT:	1.1

Description

Correct pin needs to be entered twice after incorrect pin is entered.
Comment: The flaw persists in version 1.1.

The screenshot shows a window titled "ATM Simulation" with a standard Windows-style title bar (minimize, maximize, close buttons). Below the title bar is a menu bar with "File". The main area is divided into two sections. On the left is a green rectangular area with white text that reads "Please enter your PIN" and "Then press ENTER", followed by two asterisks " ** ". On the right is a large white rectangular area with a vertical scrollbar on its right side. Below the green area is a numeric keypad with buttons for digits 1 through 9, 0, and three function buttons: "ENTER" (blue), "CLEAR" (red), and "CANCEL" (red). At the bottom of the window is a blue bar containing three buttons: "Show Log" (white), "Operator Panel" (white), and "OFF" (white).

MFT: Invalid PIN Extension.

Created: 01/Feb/25 Updated: 01/Feb/25

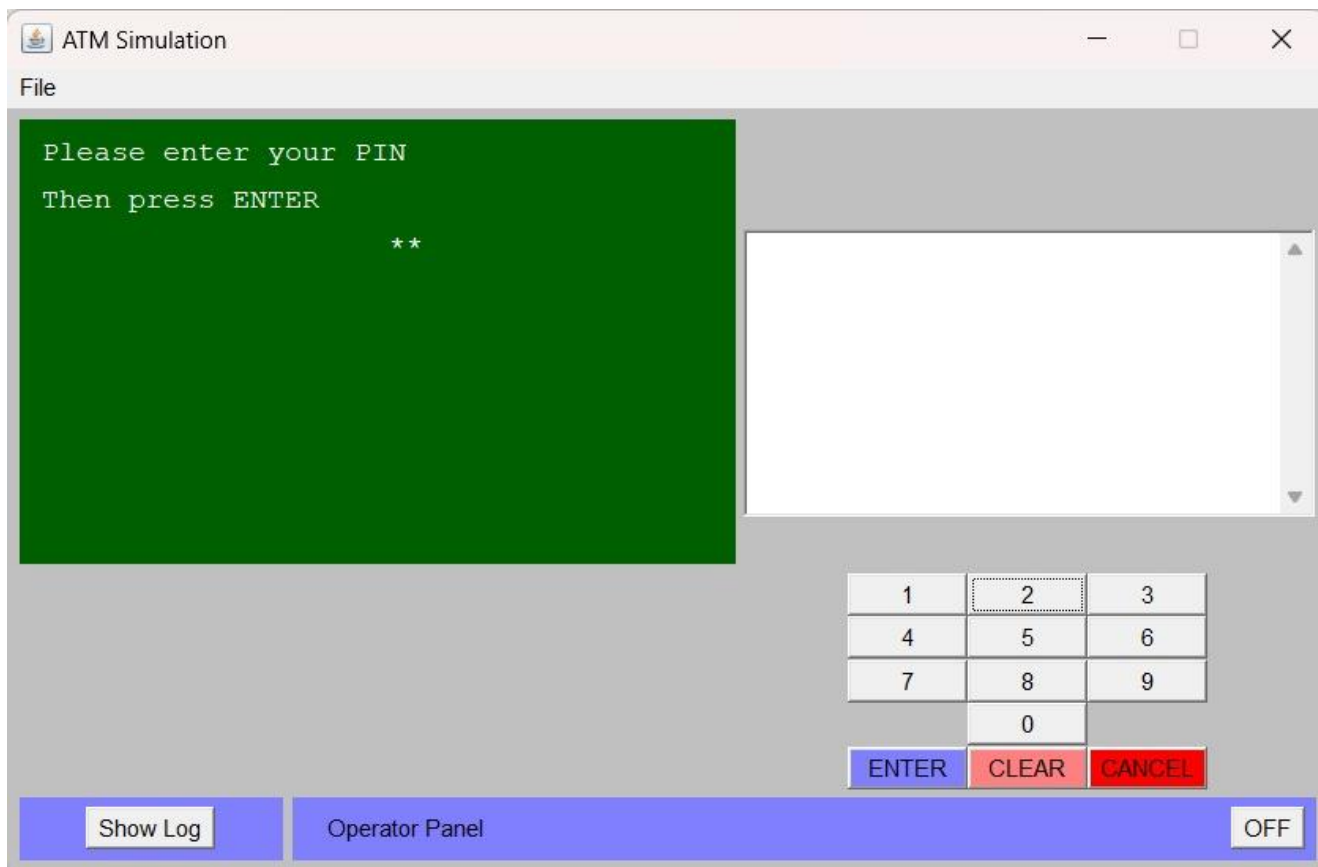
Status:	In Progress
Project:	ATM System None
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Low
Reporter:	Khushi Desai	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Correct re-entry of PIN accepted.
Initial System State	Request to re-enter PIN is being displayed.
Steps to Reproduce bug:	Click "Click to insert card." Enter "1" as the card number and press Enter. Input "67" via keypad and click "Enter" to access the account. Enter "42" using the keypad and click "Enter" to proceed.
Outcome expected:	Original transaction completed successfully.
Actual outcome:	System asks to enter correct PIN twice (2x) after incorrect PIN entry in 2nd time.
Version for SUT:	1.1

Description

If an incorrect PIN is entered, the account can be accessed by entering the correct PIN twice.
Note: The defect persists in version 1.1.



System dispenses \$20 instead of “Insufficient Funds”

Created: 01/Feb/25 Updated: 01/Feb/25

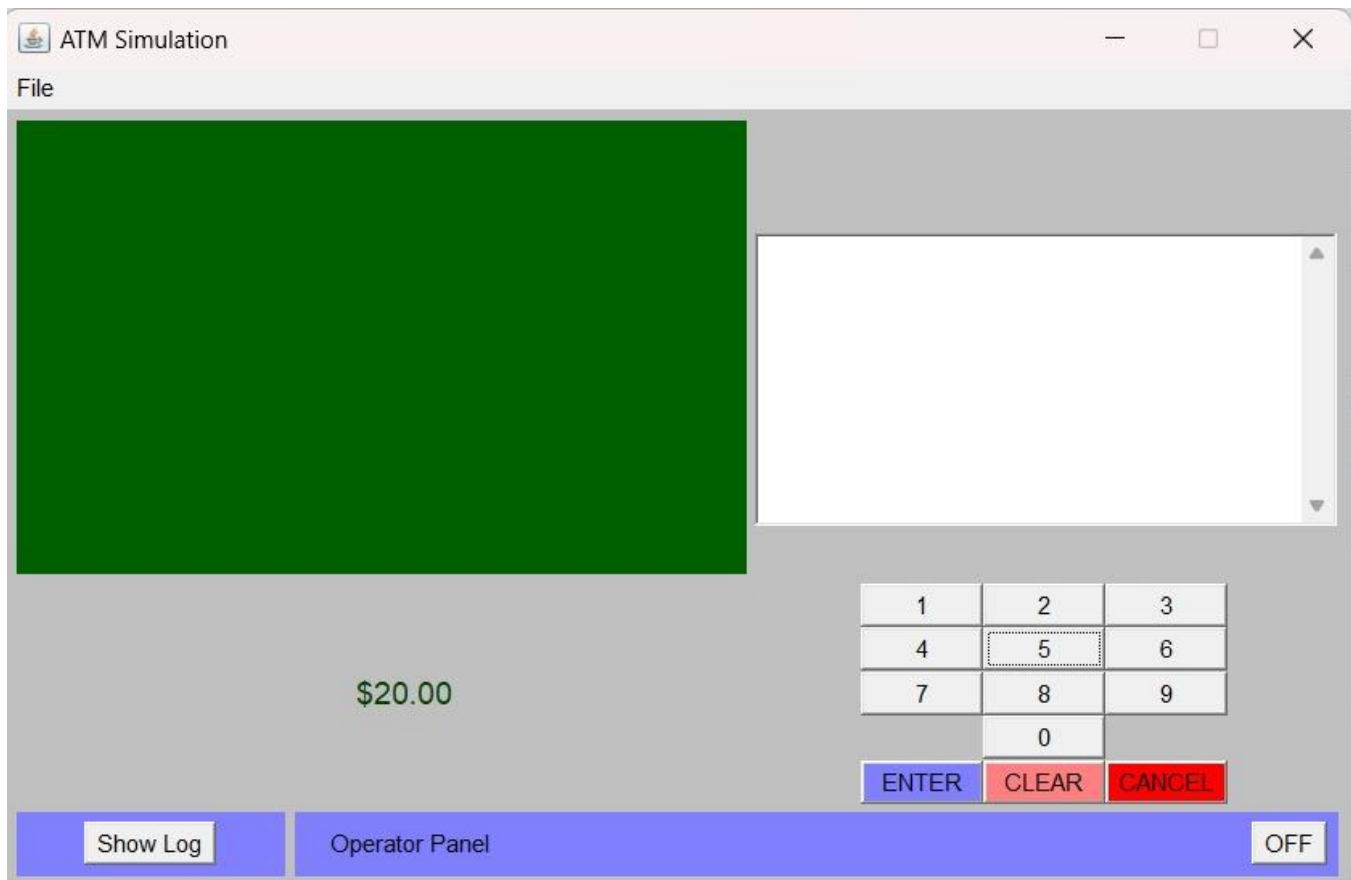
Status:	Resolved
Project:	ATM System None
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Khushi Desai	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Checking account balance before dispensing cash.
Initial System State	The system is preloaded with 100 \$20 bills before Card#1 logs in, while the checking account balance is \$100..
Steps to Reproduce bug:	Insert card and enter "1" for card number. Enter PIN "42" and log in. Select Withdrawal, then Checking. Choose \$200 to withdraw.
Outcome expected:	Insufficient funds error is displayed.
Actual outcome:	\$20 bill is dispensed
Version for SUT:	1.0

Description

The system has 100 twenty-dollar bills. When Card #1 attempts to withdraw \$200, which exceeds the available \$100 balance, the transaction fails.



MFT: An unreadable card is incorrectly identified as a valid card.

Created: 01/Feb/25 Updated: 01/Feb/25

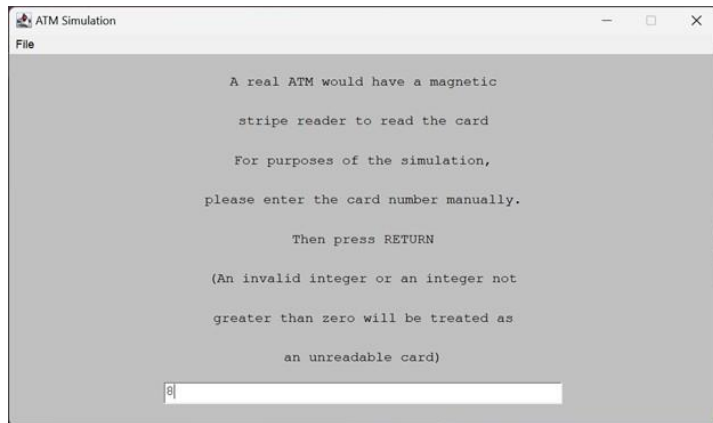
Status:	In Progress
Project:	ATM System None
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Gauri Jadhav	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	System must reject unreadable card.
Initial System State	System is on.
Steps to Reproduce bug:	Insert a card which is unreadable, by pressing any number other than 1 or 2.
Outcome expected:	Card is ejected, System displays an error.
Actual outcome:	Card is recognized correct, and system asks for PIN
Version for SUT:	1.1

Description

A card that couldn't be read was inserted, prompting the user to enter a PIN instead of ejecting the card immediately. Note: The issue persists in version 1.1.



The transfer transaction was reversed between the 'from' and 'to' accounts.

Created: 01/Feb/25 Updated: 01/Feb/25

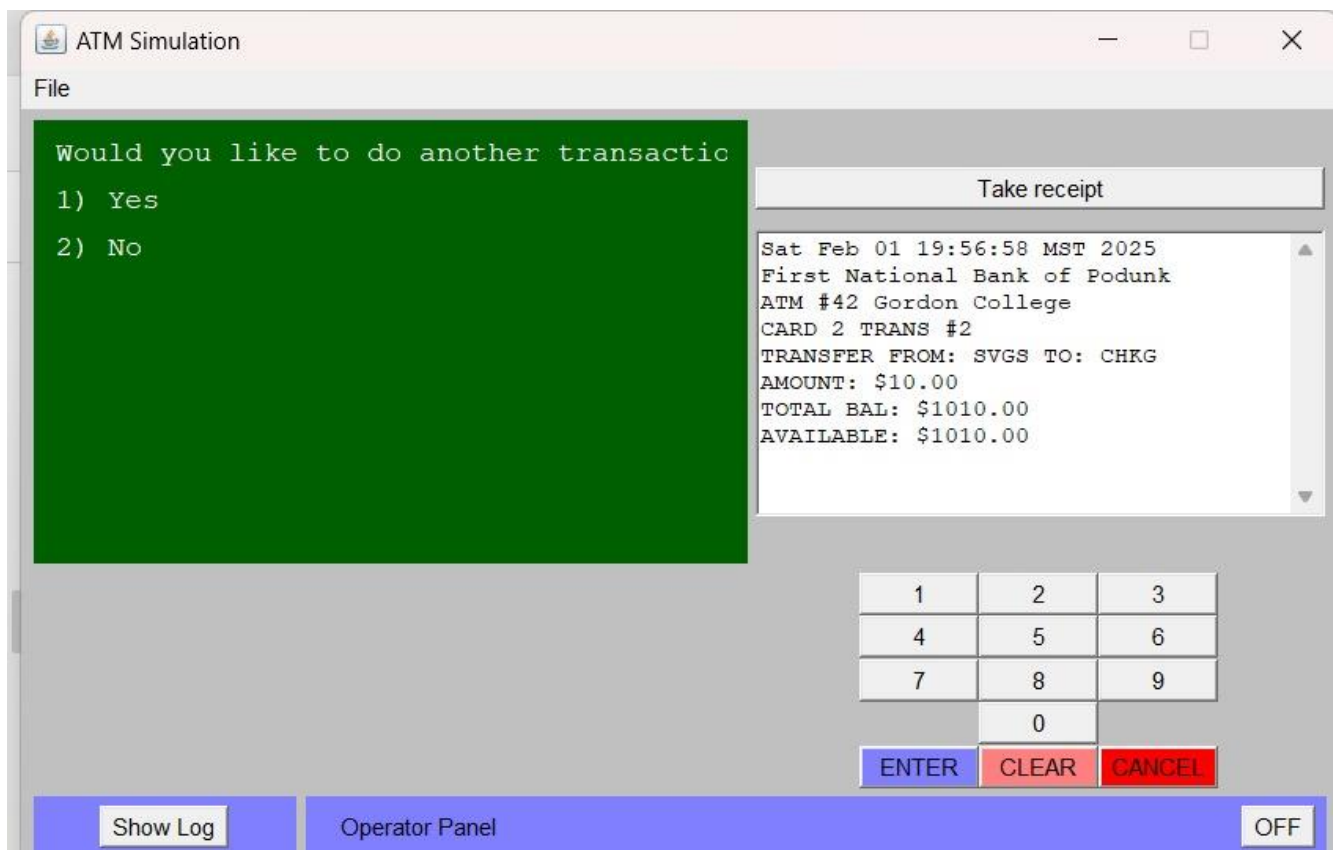
Status:	In Progress
Project:	ATM System None
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Khushi Desai	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Transfer funds between accounts for same card.
Initial System State	System ON
Steps to Reproduce bug:	Use any card, like Card 2, enter the PIN, and select the Transfer transaction. Transfer an amount, such as \$10, from the Checking account to the Savings account. Observe the receipt, which incorrectly shows the transfer from Savings to Checking.
Outcome expected:	The receipt shows the source account as labeled "Savings," while the destination account is marked as "Checking."
Actual outcome:	From account should be Checking and to account as Savings
Version for SUT:	1.1

Description

In version 1.1, the defect persists where, upon choosing any account in the transfer menu, the from and to account details are switched in the receipt.



Incorrect amount deducted from account.

Created: 01/Feb/25 Updated: 01/Feb/25

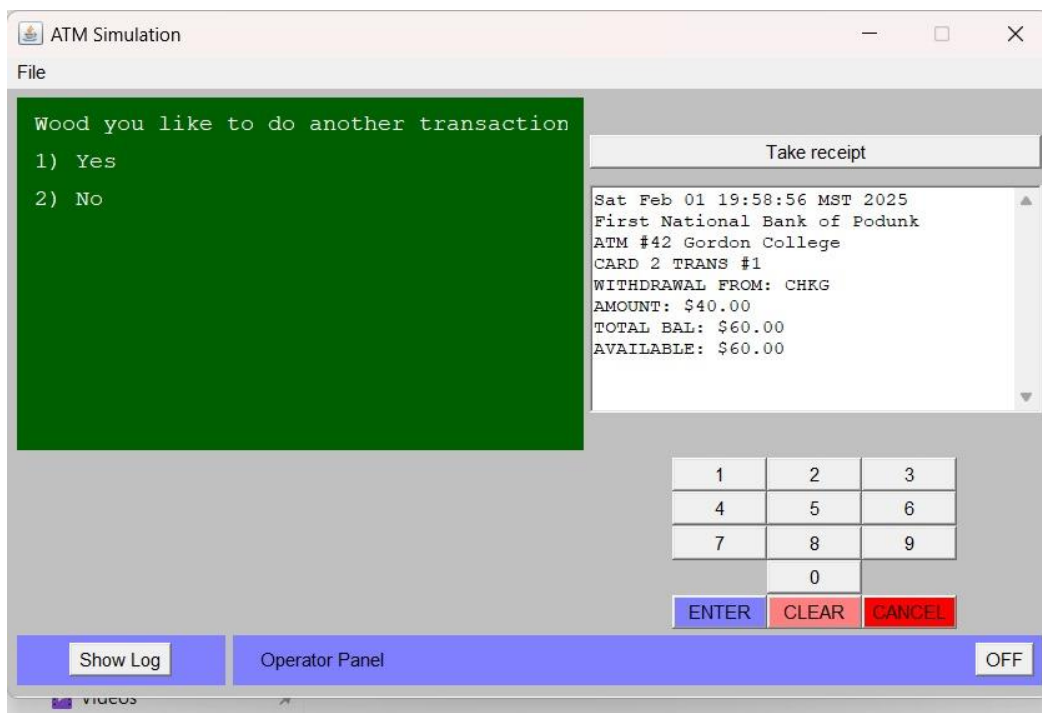
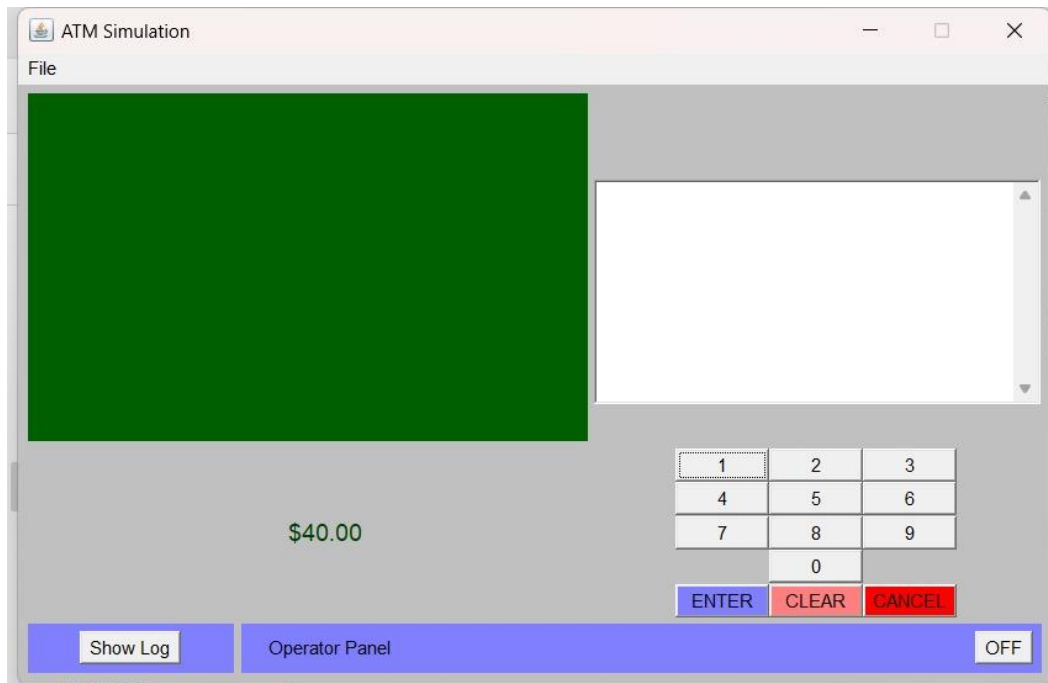
Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Gauri Jadhav	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Correct amount
Initial System State	ATM is initialized with a 1 \$20 bill before login user with Card 1.
Steps to Reproduce bug:	Insert card, enter "1" for card number. Enter PIN "42" and log in. Select Withdrawal, then Checking. Withdraw \$20 by pressing "2".
Outcome expected:	Account should be deducted by \$20.
Actual outcome:	ATM dispensed \$40.
Version for SUT:	1.0

Description

The ATM is initialized with 1 \$20 bill. When Card #1 tries to withdraw \$20, \$40 is dispensed.



Problem with generating a receipt after completing transactions.

Created: 01/Feb/25 Updated: 01/Feb/25

Status:	In Progress
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

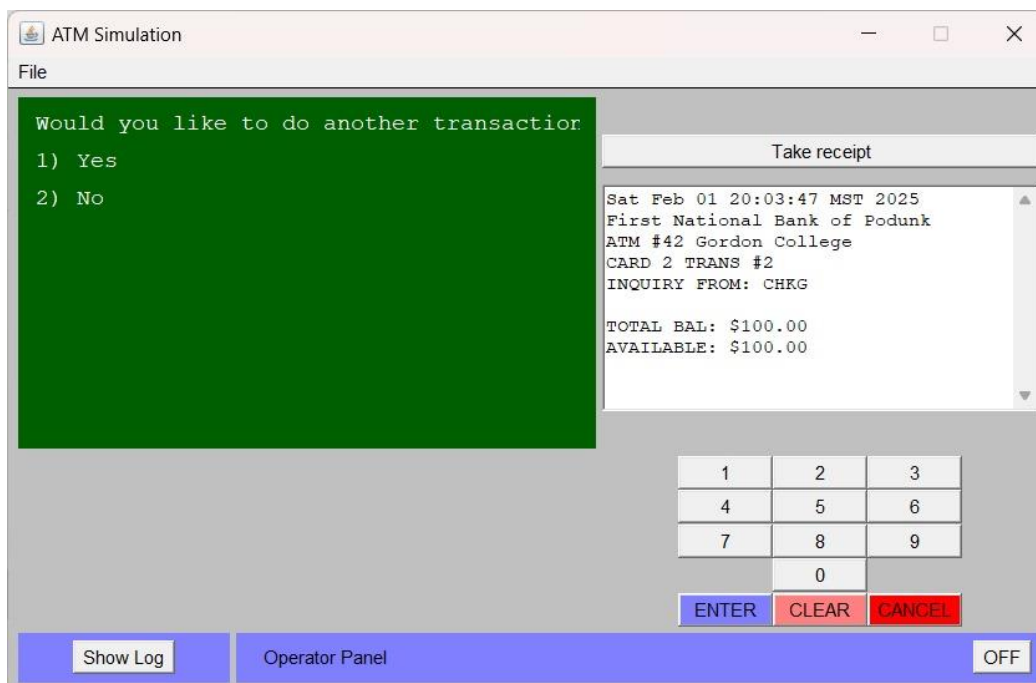
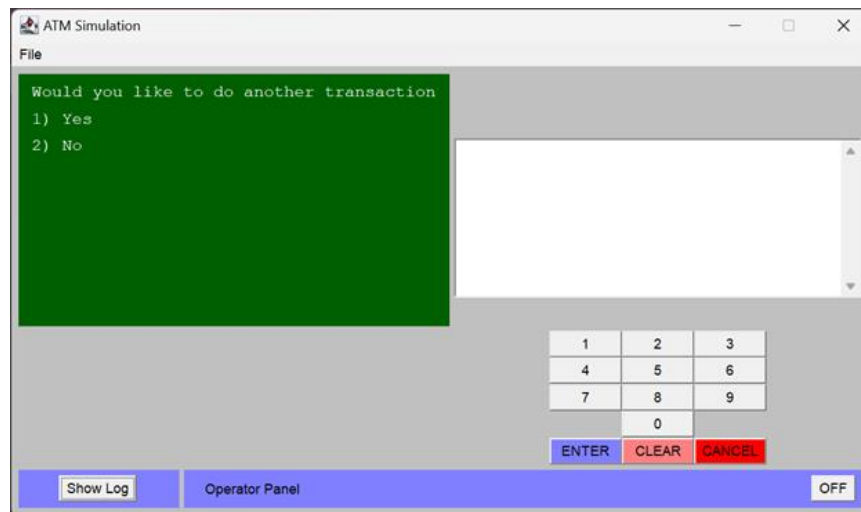
Type:	Bug	Priority:	Medium
Reporter:	Riddhi Hindocha	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Get a receipt
Initial System State	The ATM is loaded with \$2,000, consisting 100 twenty-dollar bills prior to the user with Card#1 accesses it. The checking account balance is \$100.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Click on "Click to insert card".2. Enter "1" in the card number text field and press Enter.3. Enter "42" using the keypad and click "enter" button to access the account.4. Click "Balance Inquiry".5. Select "Checking" account to inquire from.6. Click "Take Receipt"
Outcome expected:	The system should display “printing receipt”
Actual outcome:	System interface goes blank
Version for SUT :	1.1

Description

After completing transaction, a receipt printing attempt is made using Card #1.

Comment: Defect still persists in version 1.1



When option number 4 is selected in the transfer menu, the ATM dispenses \$20.

Created: 01/Feb/25 Updated: 01/Feb/25

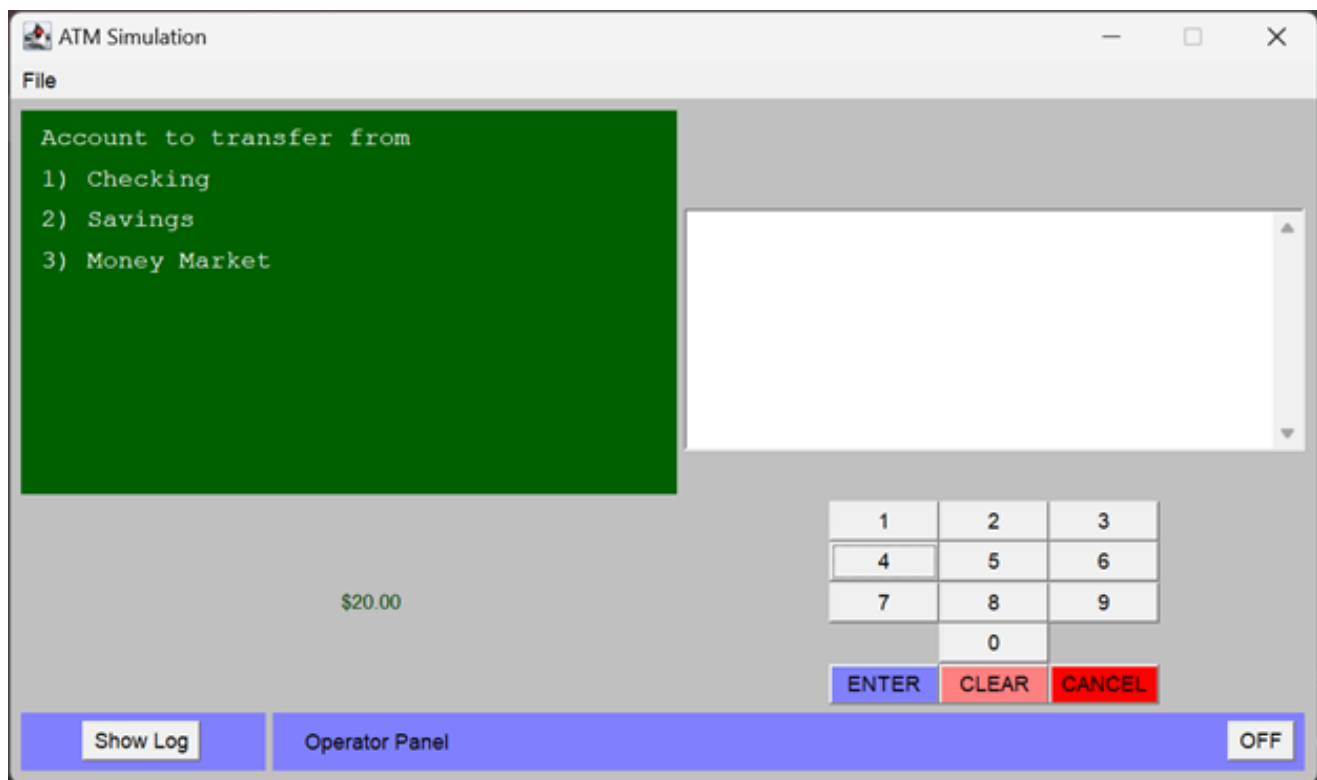
Status:	In Progress
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Harneet Chahal	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Transfer
Initial System State	ON
Steps to Reproduce bug:	Insert your card and enter your PIN, choose the “transfer transaction” option. Without specifying a particular account, select a number that does not correspond to any account. Verify that the system indicates a \$20 dispense, Review the log to confirm dispense.
Outcome expected:	The system should display “invalid account”
Actual outcome:	Dispenses \$20
Version for SUT :	1.1

Description

The ATM continues to have a defect in version 1.1, where selecting an unassigned number 4 in the Transfer menu for the Account To Transfer From results in the dispensing of \$20, and the receipt remains blank.



An invalid account error occurs when attempting a balance inquiry with Card 2.

Created: 01/Feb/25 Updated: 01/Feb/25

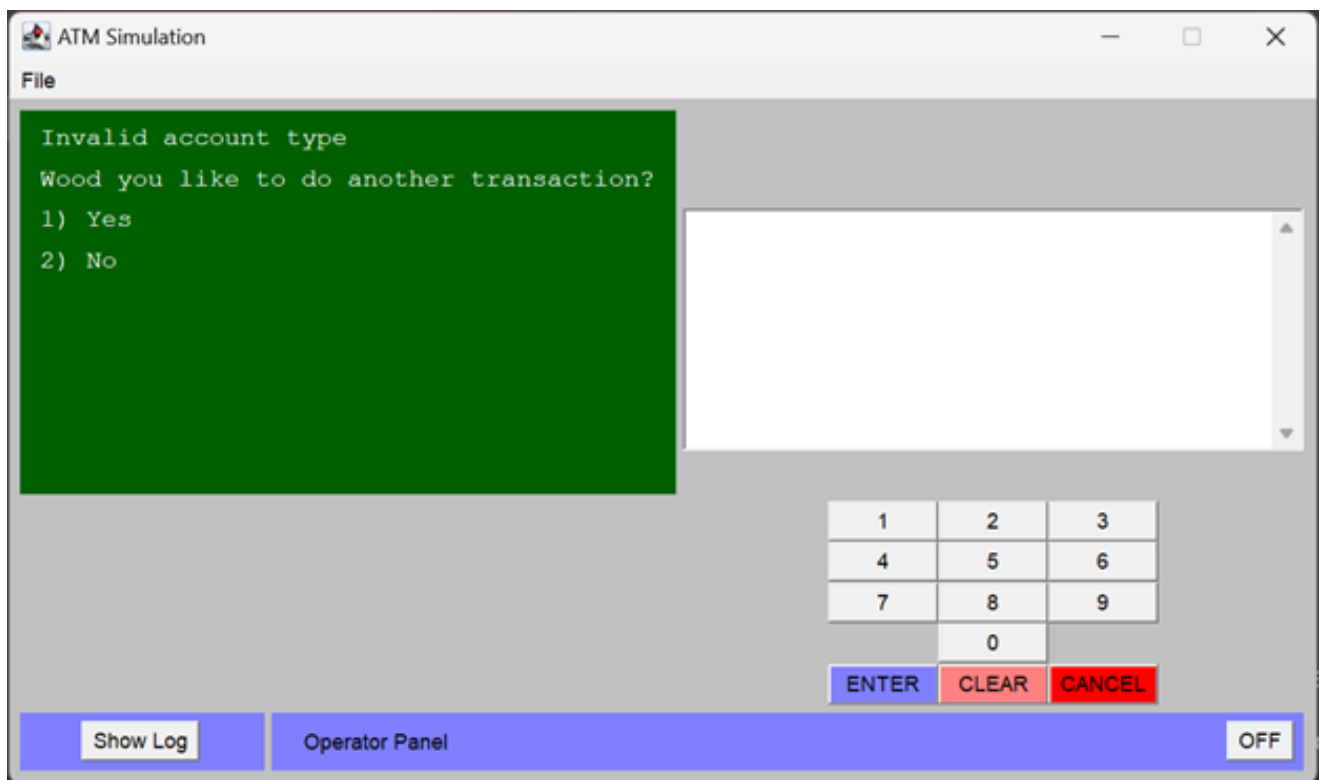
Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Critical
Reporter:	Gauri Jadhav	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Accessing the Money Market Account for Card#2
Initial System State	The ATM is initialized with 100 \$20 bills before the user with Card#2 logs in. This user has a Money Market Account.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Select "Click to insert card."2. Input "2" into the card number text field and press the "Enter".3. Enter "1234" using the keypad and press "Enter" button to log into the account.4. Press "4" on the keypad to choose Balance Inquiry.5. Select "2" on the keypad for Money Market.
Outcome expected:	The balance of Money Market account should be displayed.
Actual outcome:	"Invalid account type" message is displayed.
Version for SUT :	1.0

Description

Although Card #2 holds a Money Market account, it remains inaccessible.



An unknown error is encountered during the balance inquiry for Money Market account using Card#1.

Created: 01/Feb/25 Updated: 01/Feb/25

Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

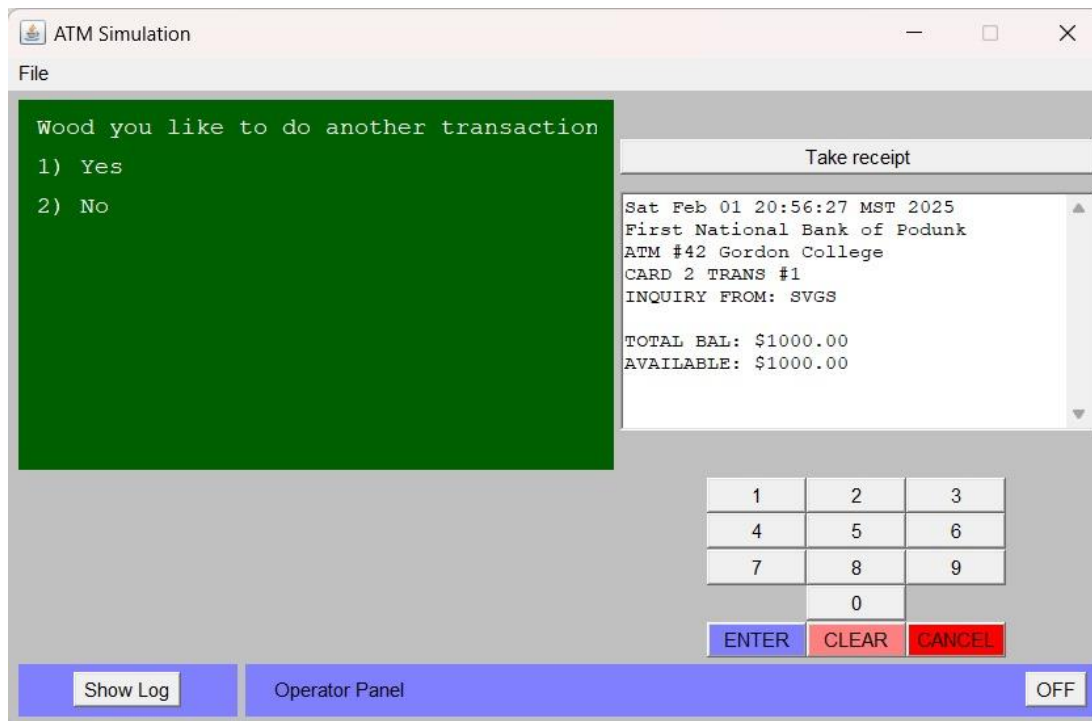
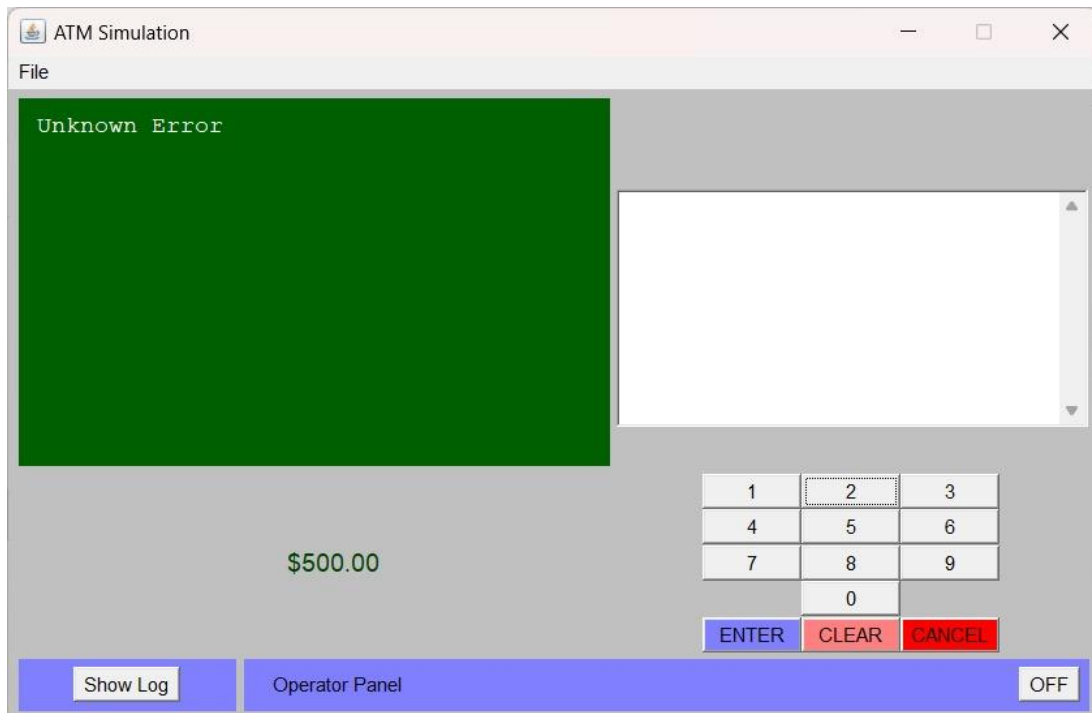
Type:	Bug	Priority:	Medium
Reporter:	Harneet Chahal	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Balance Inquiry
Initial System State	ON
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Click on the "Click to insert card".2. Enter "1" for the card number text field and press the "Enter" key.3. Type "42" using the keypad and then press the "Enter" button to access the account.4. Select the Balance Inquiry function by pressing "4" on the keypad.5. Select the Money Market account by pressing "2" on the keypad.
Outcome expected:	Should show Invalid account type
Actual outcome:	An unknown Error and show \$500

Version for SUT : 1.0

Description

When attempting a Balance Inquiry on the Money Market account with Card#1, an Unknown Error occurs, and \$500.00 is displayed.



An incorrect amount is withdrawn when attempting to withdraw \$100.

Created: 01/Feb/25 Updated: 01/Feb/25

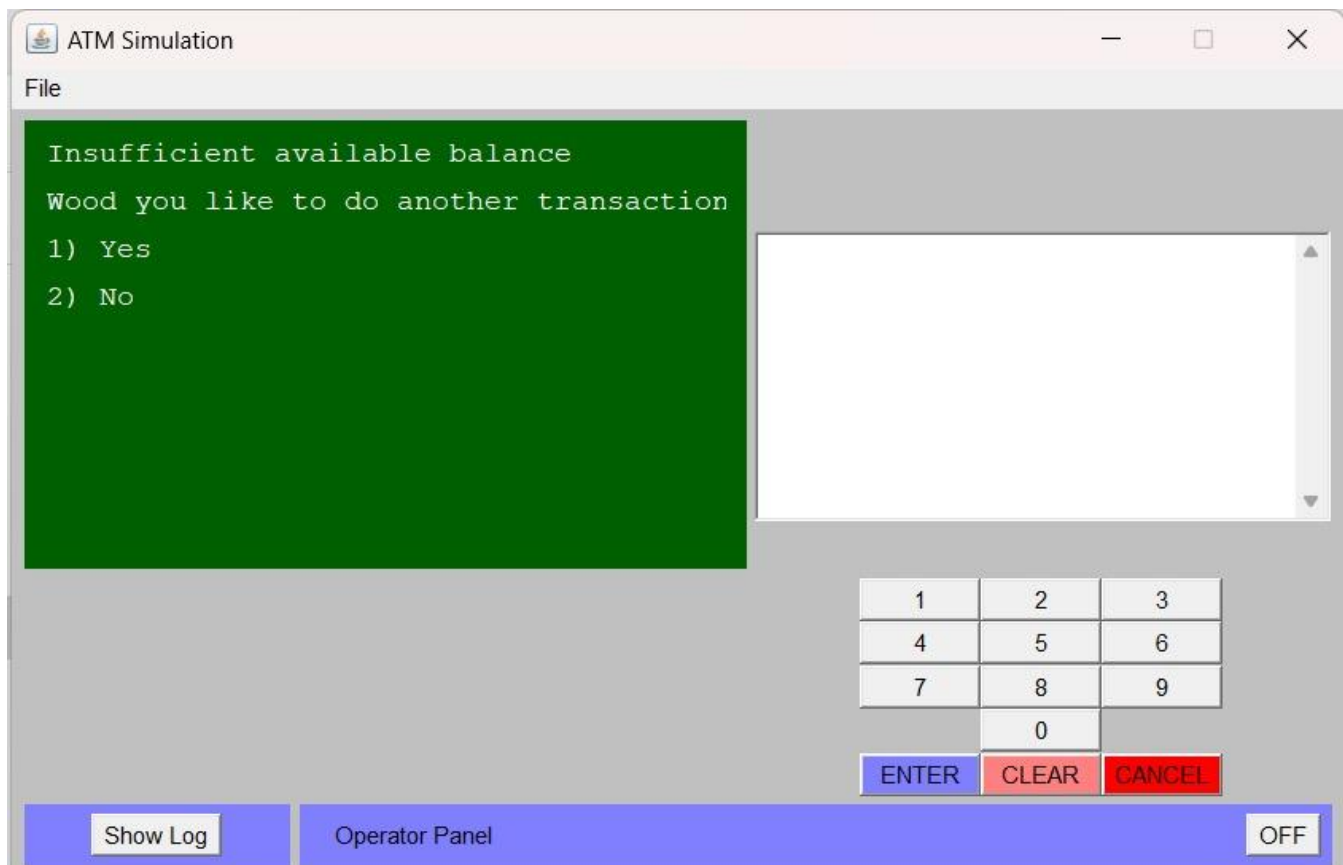
Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Harneet Chahal	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Withdrawal of \$100
Initial System State	The ATM is initialized with 100 \$20 bills before the user with Card#2 logs in. The checking Account has \$100.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Select "Click to insert card" option.2. Enter "2" in the card number text field and press the "Enter" key.3. Type "1234" using the keypad and then press the "Enter" button to access the account.4. Select the Withdrawal option by pressing "1" using keypad.5. Select the Checking account by pressing "1" using keypad.6. Execute a \$100 withdrawal by pressing "4" using keypad.
Outcome expected:	Account should be deducted by \$100, leaving a balance of \$0.
Actual outcome:	"Insufficient balance message" shown.
Version for SUT :	1.0

Description

An attempt to withdraw \$100 from Card #2 resulted in the display of an "Insufficient balance" message.



An incorrect amount is dispensed during a \$60 withdrawal attempt.

Created: 01/Feb/25 Updated: 01/Feb/25

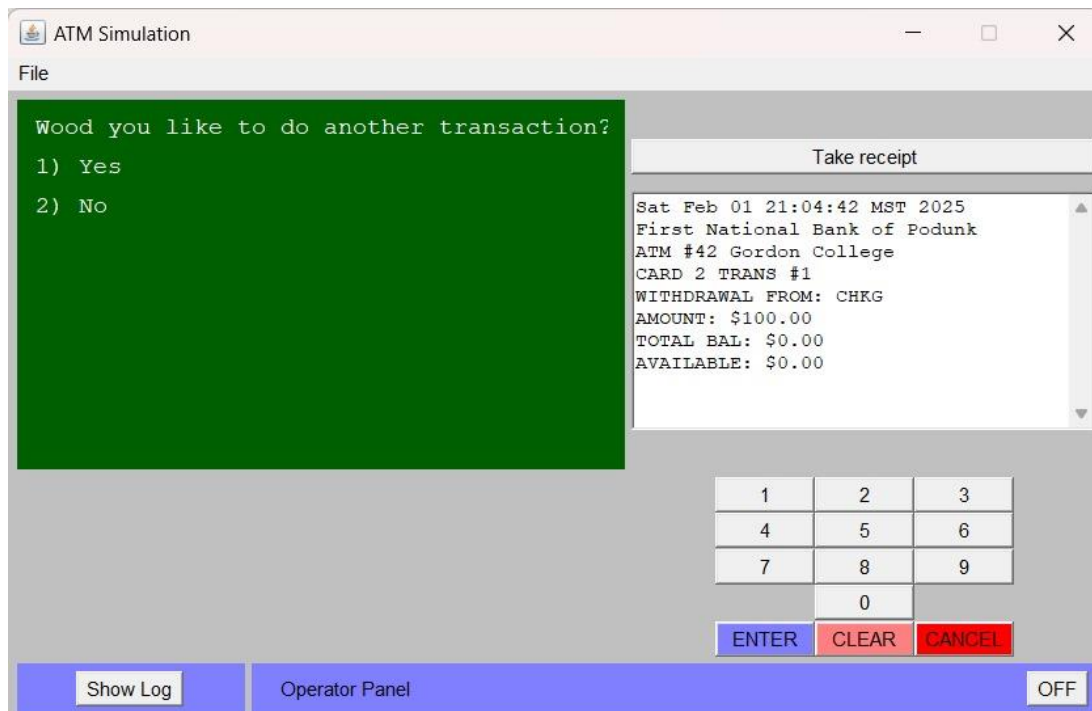
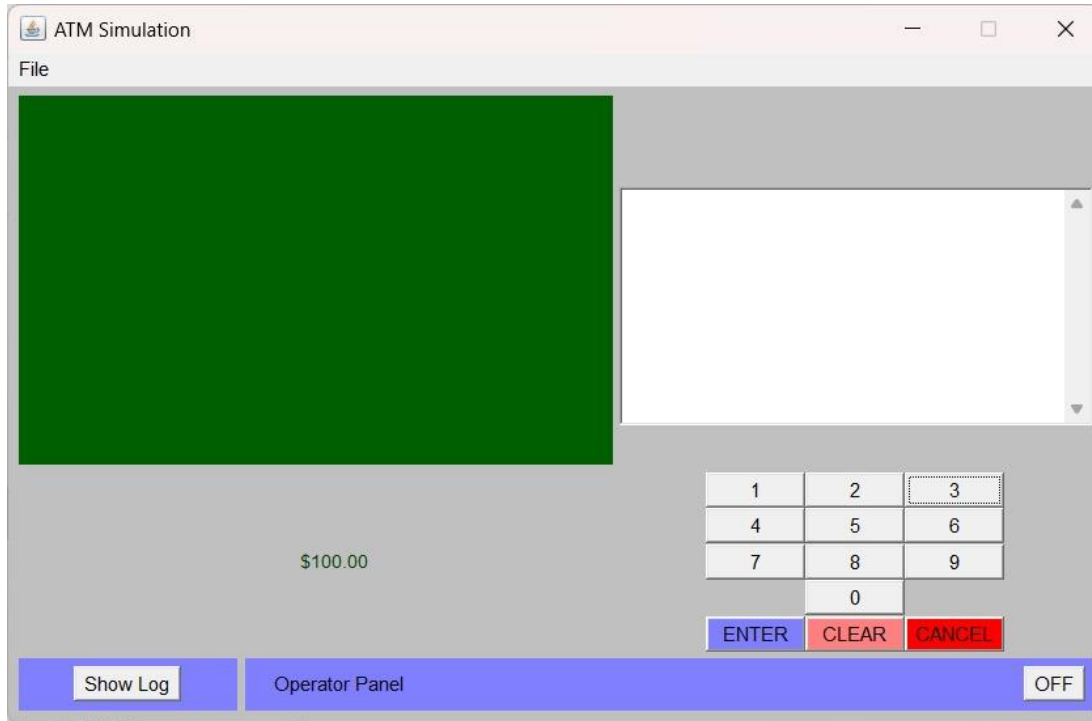
Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Gauri Jadhav	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Withdrawal of \$60
Initial System State	The ATM is initialized with 100 \$20 bills before user with Card#1 logs in. The checking Account has \$100.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Select "Click to insert card" option.2. Enter "1" into card number text field and press the "Enter" key.3. Enter "42" using keypad and press the "Enter" button to log into the account.4. Select Withdrawal by pressing "1" on the keypad.5. Select Checking by pressing "1" on the keypad.6. Press "3" on the keypad to withdraw \$60.
Outcome expected:	Account should be deducted by \$60, leaving a balance of \$40.
Actual outcome:	Account is deducted by \$100, leaving a balance of \$0.
Version for SUT :	1.0

Description

Card #1 was used to make a \$60 withdrawal, but \$100 was dispensed instead.



An incorrect amount is dispensed during a \$40 withdrawal attempt.

Created: 01/Feb/25 Updated: 01/Feb/25

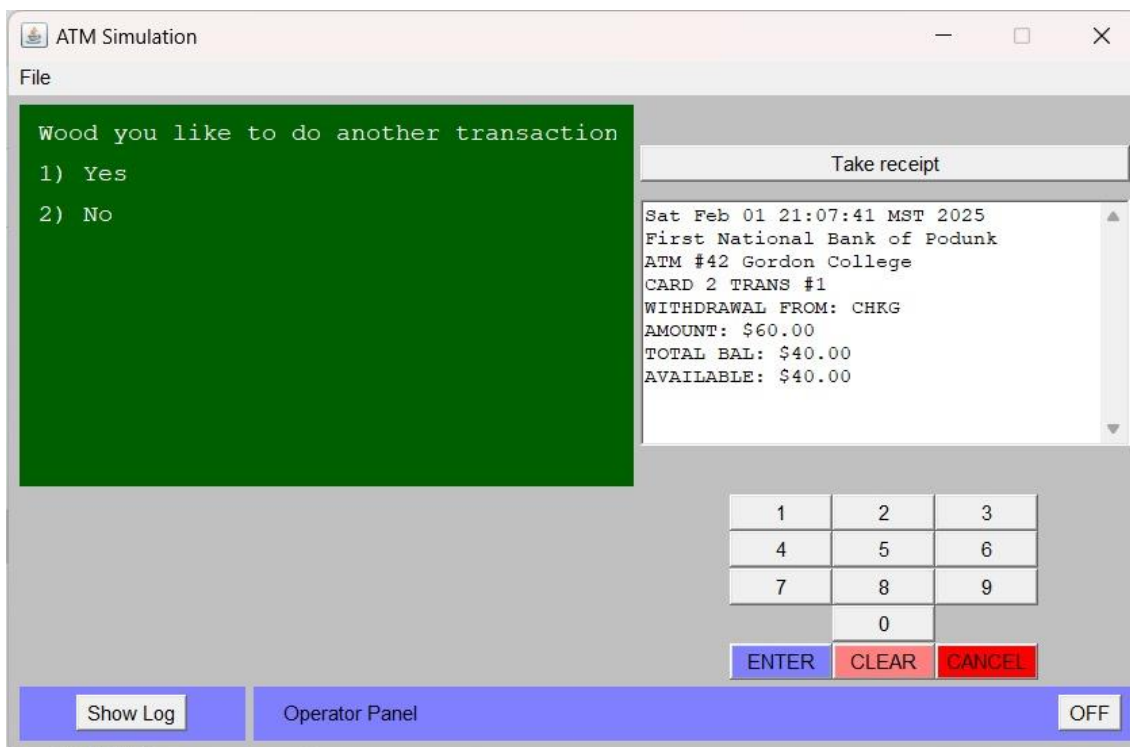
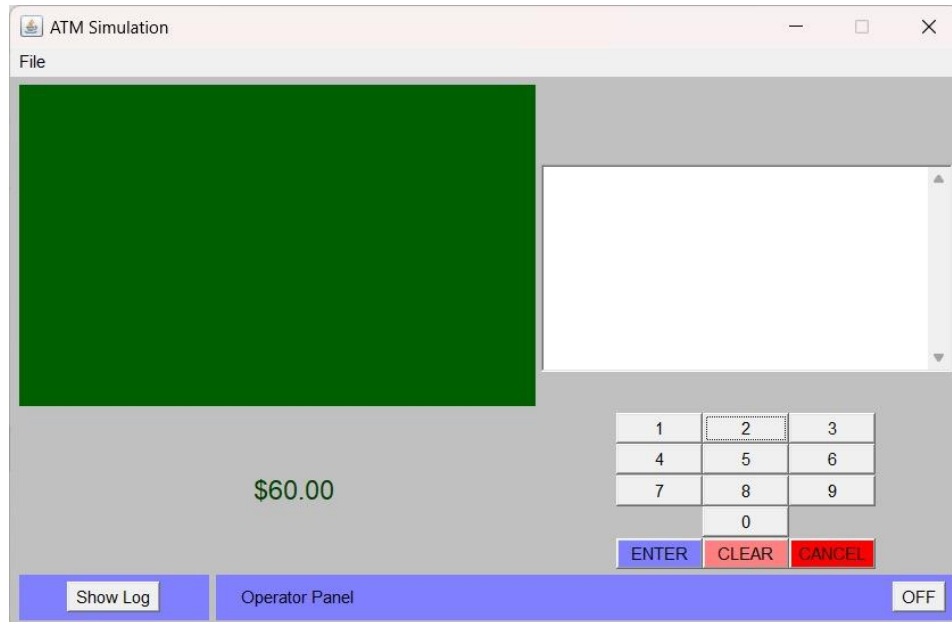
Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Riddhi Hindocha	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Withdrawal of \$40
Initial System State	The ATM is initialized with 100 \$20 bills before user with Card#1 logs in. The checking Account has \$100.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Select "Click to insert card" button.2. Enter "1" in the card number text field and press the "Enter" key.3. Type "42" using the keypad and then press the "Enter" button to access the account.4. Select Withdrawal by pressing "1" on the keypad.5. Select Checking by pressing "1" on the keypad.6. Press "2" on the keypad and start a withdrawal of \$40.
Outcome expected:	Account should be deducted by \$40, leaving a balance of \$60.
Actual outcome:	Account is deducted by \$60, leaving a balance of \$40.
Version for SUT :	1.0

Description

When attempting to withdraw \$40 using Card #1, \$60 was dispensed mistakenly.



An incorrect amount was transferred from the Checking to the Savings account.

Created: 01/Feb/25 Updated: 01/Feb/25

Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Riddhi Hindocha	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Transferring from one account to another
Initial System State	The System is ON.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Select "Click to insert card" button.2. Enter "1" in the card number text field and press the "Enter" key.3. Type "42" using the keypad and then press the "Enter" button.4. For transfer option, select option "3".5. Select option "1" for transfer from a checking account.6. Select option "2" to transfer money to the savings account.7. Enter the amount of \$10.00 to transfer.
Outcome expected:	Balance: \$1010.00 (savings), \$90.00 (Checking)
Actual outcome:	Balance: \$1009.50 (savings), \$90.50 (Checking)
Version for SUT :	1.0

Description

The wrong balance is shown, with the expected outcome being \$1010.00 (Saving) and \$90.00 (Checking), but the actual outcome is \$1009.50 (Saving) and \$90.50 (Checking).

ATM Simulation

File

Wood you like to do another transaction
1) Yes
2) No

Take receipt

Sat Feb 01 21:10:19 MST 2025
First National Bank of Podunk
ATM #42 Gordon College
CARD 2 TRANS #1
TRANSFER FROM: SVGS TO: CHKG
AMOUNT: \$9.50
TOTAL BAL: \$1009.50
AVAILABLE: \$1009.50

1	2	3
4	5	6
7	8	9
	0	

ENTER

CLEAR

CANCEL

Show Log

Operator Panel

OFF

Balance Inquiry for the Saving account.

Created: 01/Feb/25 Updated: 01/Feb/25 Resolved: 03/Feb/25

Status:	Resolved
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Harneet Chahal	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Balance inquiry for Savings Account
Initial System State	The System is ON.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Select "Click to insert card" button.2. Enter "1" in the card number text field and press the "Enter" key.3. Type "42" using the keypad and then press the "Enter" button.4. Press "4" for balance inquiry.
Outcome expected:	We should see 3 options, Checking, Saving, and Money Market
Actual outcome:	We only see 2 options, Checking and Money Market
Version for SUT :	1.0

Description

Option for balance Inquiry for saving account does not exist

The image shows a software window titled "ATM Simulation". It features a menu bar with "File". The main area is divided into a green terminal-like display on the left and a white input field on the right. The green display shows the text "Account to inquire from" followed by two options: "1) Checking" and "2) Money Market". Below the input field is a numeric keypad with buttons for digits 1-9, 0, and function keys "ENTER", "CLEAR", and "CANCEL". At the bottom, there is a blue bar containing a "Show Log" button, the text "Operator Panel", and an "OFF" button.

1	2	3
4	5	6
7	8	9
0		
ENTER	CLEAR	CANCEL

Show Log Operator Panel OFF

An incorrect Balance is displayed after a deposit in Saving account.

Created: 01/Feb/25 Updated 01/Feb/25

Status:	In Progress
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Riddhi Hindocha	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Deposit in Savings Account
Initial System State	The System is ON.
Steps to Reproduce bug:	<ol style="list-style-type: none">1. Deposit Ten \$20 dollar bills2. Select "Click to insert card" button.3. Enter "1" in the card number text field and press the "Enter" key.4. Type "42" using the keypad and then press the "Enter" button5. Press "2" for deposit.6. Press "2" for checking.7. Enter the amount \$200.8. Insert Envelope.
Outcome expected:	Balance : 1200
Actual outcome:	Balance : 1199.90
Version for SUT :	1.1

Description

Defects persist in version 1.1 during testing of the balance after depositing money into the Saving account.

The screenshot shows a window titled "ATM Simulation" with a menu bar containing "File". The main area is divided into two panels. The left panel has a green background and displays the text "Would you like to do another transactio" followed by two options: "1) Yes" and "2) No". The right panel has a light gray background and contains a "Take receipt" section. This section displays the following text: "Sat Feb 01 21:17:50 MST 2025", "First National Bank of Podunk", "ATM #42 Gordon College", "CARD 2 TRANS #1", "DEPOSIT TO: SVGS", "AMOUNT: \$200.00", "TOTAL BAL: \$1199.90", and "AVAILABLE: \$1000.00". Below the receipt is a numeric keypad with buttons for digits 1 through 9, 0, and an "ENTER" button. To the right of the keypad are "CLEAR" and "CANCEL" buttons. At the bottom of the window is a blue bar with a "Show Log" button on the left, the text "Operator Panel" in the center, and an "OFF" button on the right.

1	2	3
4	5	6
7	8	9
0		
ENTER	CLEAR	CANCEL

Show Log Operator Panel OFF

An incorrect Balance is displayed after a deposit in Checking account.

Created: 01/Feb/25 Updated: 01/Feb/25

Status:	In Progress
Project:	ATM System
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	High
Reporter:	Riddhi Hindocha	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Deposit in checking account
Initial System State	System is ON
Steps to Reproduce bug:	Deposit Ten \$20 dollar bills, Insert Card, type Card No “1”, enter 42, Press 2 for deposit and then “1” for checking, then enter amount \$200
Outcome expected:	Balance : \$300
Actual outcome:	Balance: \$ 299.90
Version for SUT :	1.1

Description

The issue continues in version 1.1 when checking the balance after depositing money into the Checking account.

Note: The defect is still unresolved in version 1.1.

