Unknown error occurred during the inquiry of the newly created savings account.
Created: 03/Feb/24 Updated: 03/Feb/24

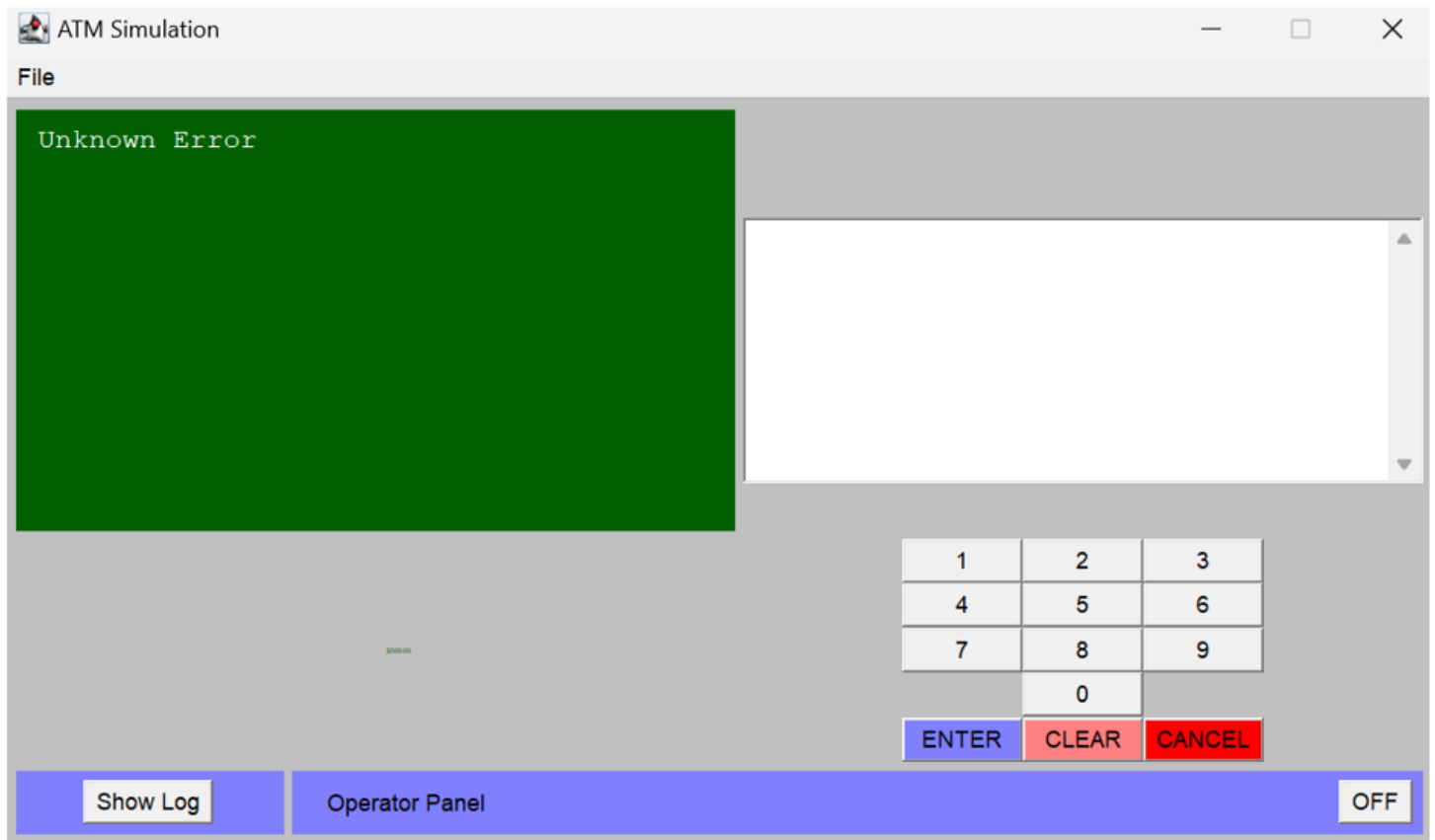|	
Status:	In Review
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	Inquiry for Balance will be done on Savings account
Initial System State:	System is ON status , .
Steps to Reproduce bug:	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
Actual outcome:	Balance amount : 1000 along with "Unknown Error" and dispensing $500
Version for SUT :	1.1

An unforeseen error occurred when attempting to check the balance on savings account associated with card number 1, simultaneously dispensing $500, as indicated on the screen.

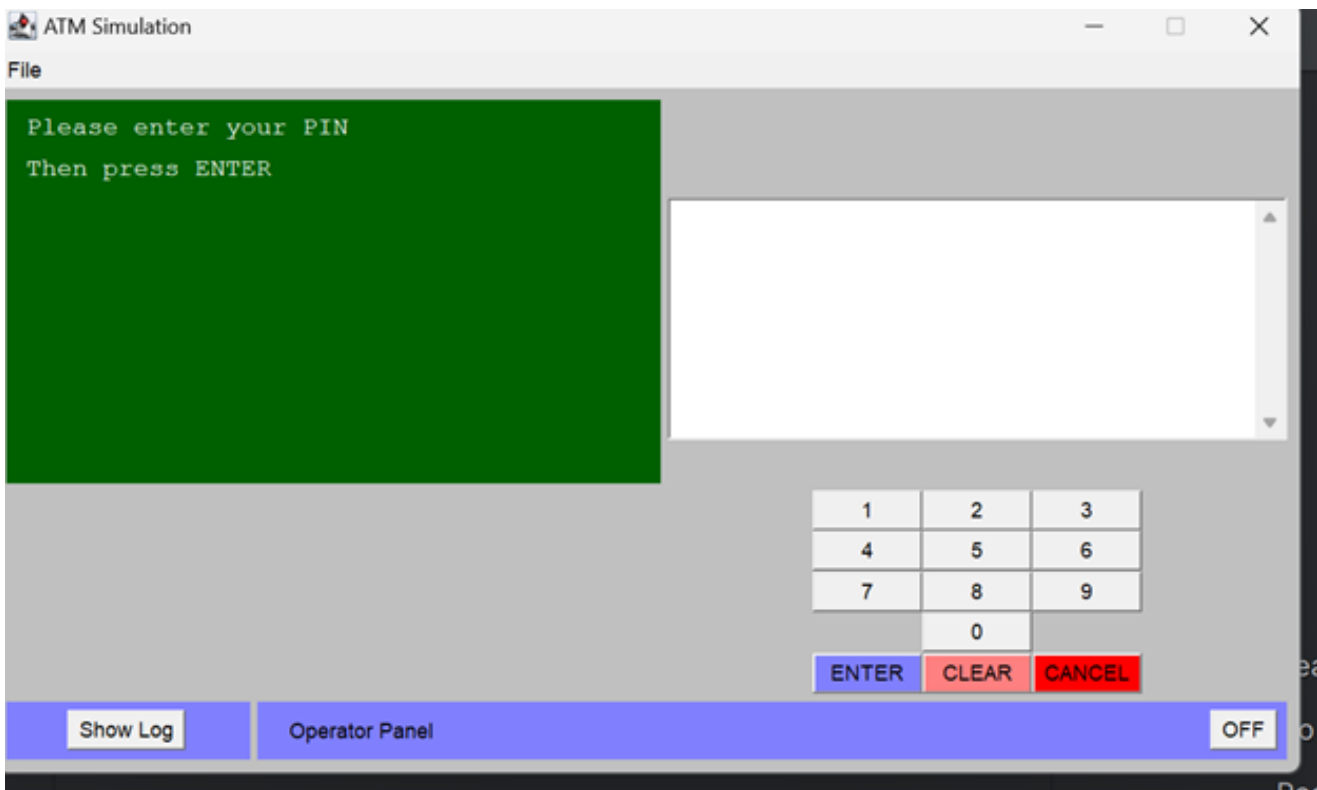## MFT: Invalid PIN Extension
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	Low
Reporter:	harshilpatel4417	**Assignee:**	Unassigned
Resolution:	Unresolved	**Votes:**	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	2 times correct PIN is needed after entering incorrect pin.
Initial System State	Request to reenter PIN is being shown after entering user number.
steps to reproduce bug:	1.Click on "Click to insert card". 2. Enter "1" in the text field for card number and press enter. 3. Enter "84" using the keypad and click "enter" button to access the account. 4. Enter "42" using keypad and click "enter" button to access the account 5. Enter "24" using keypad and click "enter" button to access the account 6. Enter "42" using keypad and click "enter" button to access the account 7. Enter "42" using keypad and click "enter" button to access the account
outcome expected:	Original transaction is been completed successfully
Actual outcome:	System asks to enter correct PIN twice (2x) after incorrect PIN entry in 2nd try
Version for SUT :	1.1

If an incorrect PIN is entered twice, the user must input the correct PIN twice (2x) to gain access to the account. Comment: The flaw persists in version 1.1.

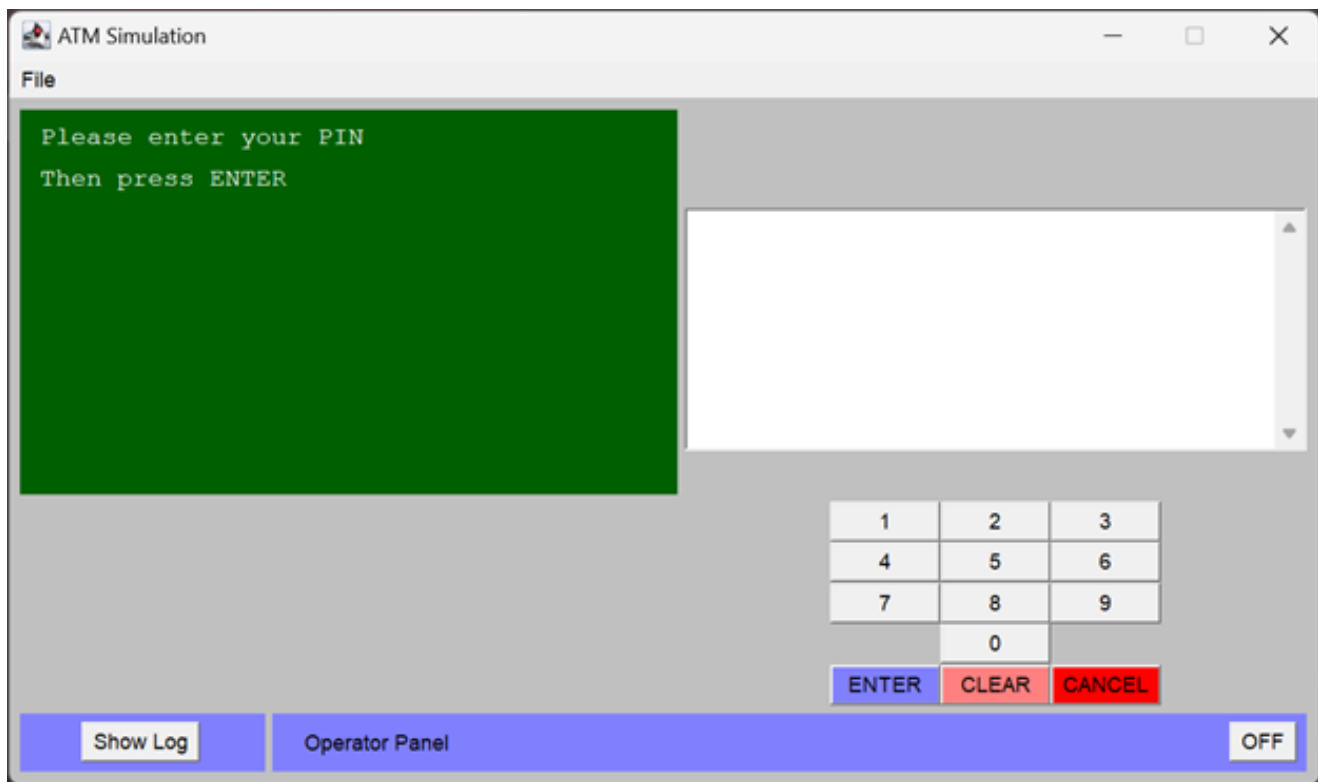## MFT: Invalid PIN Extension.
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	Low
Reporter:	harshilpatel4417	**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 is being accepted
Initial System State	Request to re-enter PIN is being displayed
Steps to Reproduce bug:	1. Click on "Click to insert card". 2. Enter "1" in the text field for card number and press enter. 3. Enter "67" using the keypad and click "enter" button to access the account. 4. Enter "42" using keypad and click "enter" button to access the account
Outcome expected:	Original transaction is been completed successfully
Actual outcome:	System asks to enter correct PIN twice (2x) after incorrect PIN entry in 2nd try
Version for SUT :	1.1

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 displaying an "Insufficient Funds" error message.
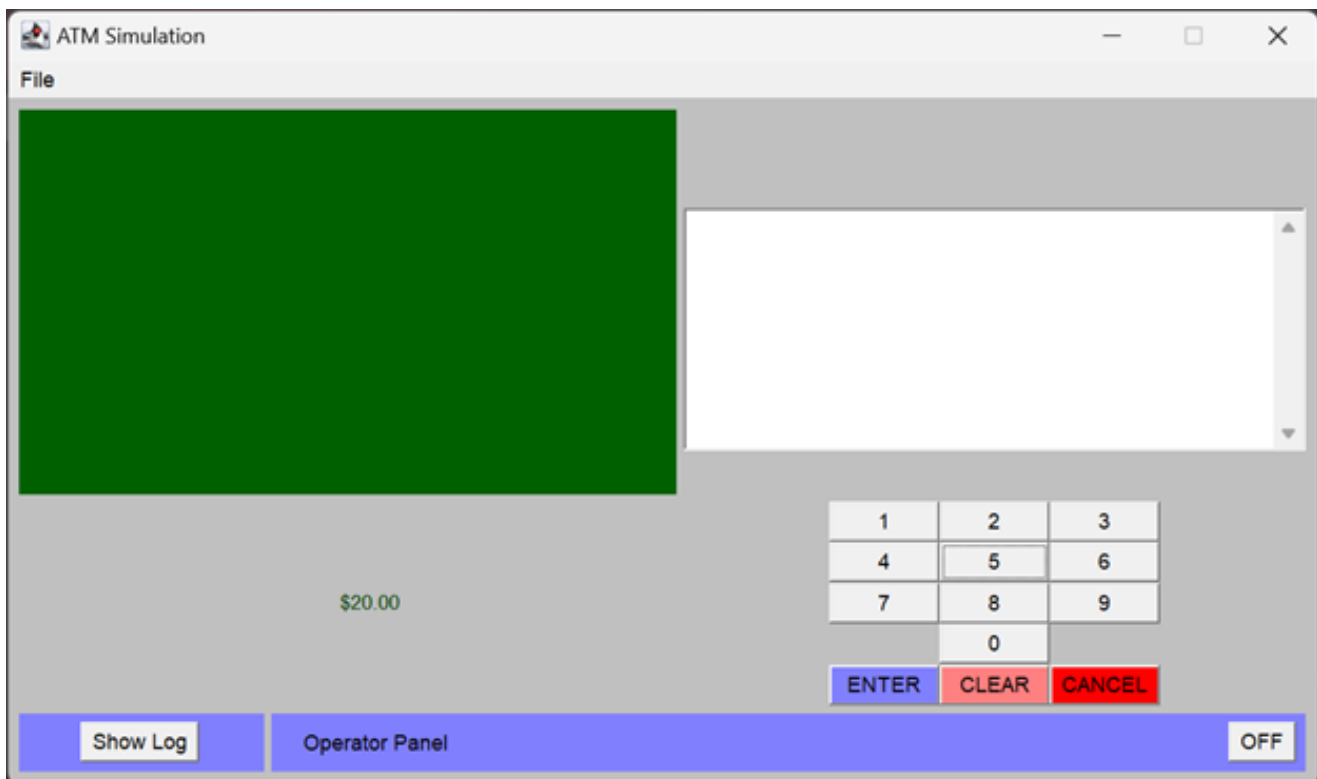Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	harshilpatel4417	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Function Test:	Verifying insufficient balance before dispensing
Initial System State	System is loaded with 100 $20 bills before Card#1 logs in. Checking Account has $100.
Steps to Reproduce bug:	1-Click on "Click to insert card". 2-Enter "1" in the text field for card number and press enter. 3-Enter "42" using the keypad and click "enter" button to access the account. 4-Click "1" on keypad to go to Withdrawal. 5-Click "1" on keypad for Checking. 6-Click "5" on keypad to withdraw $200.
Outcome expected:	Insufficient funds error is displayed.
Actual outcome:	$20 bill is dispensed
Version for SUT :	1.0

The system holds 100 twenty-dollar bills. When Card #1 tries to withdraw $200, exceeding the available balance of $100, the transaction is unsuccessful.

MFT: Unreadable card is mistakenly recognized as a valid card.
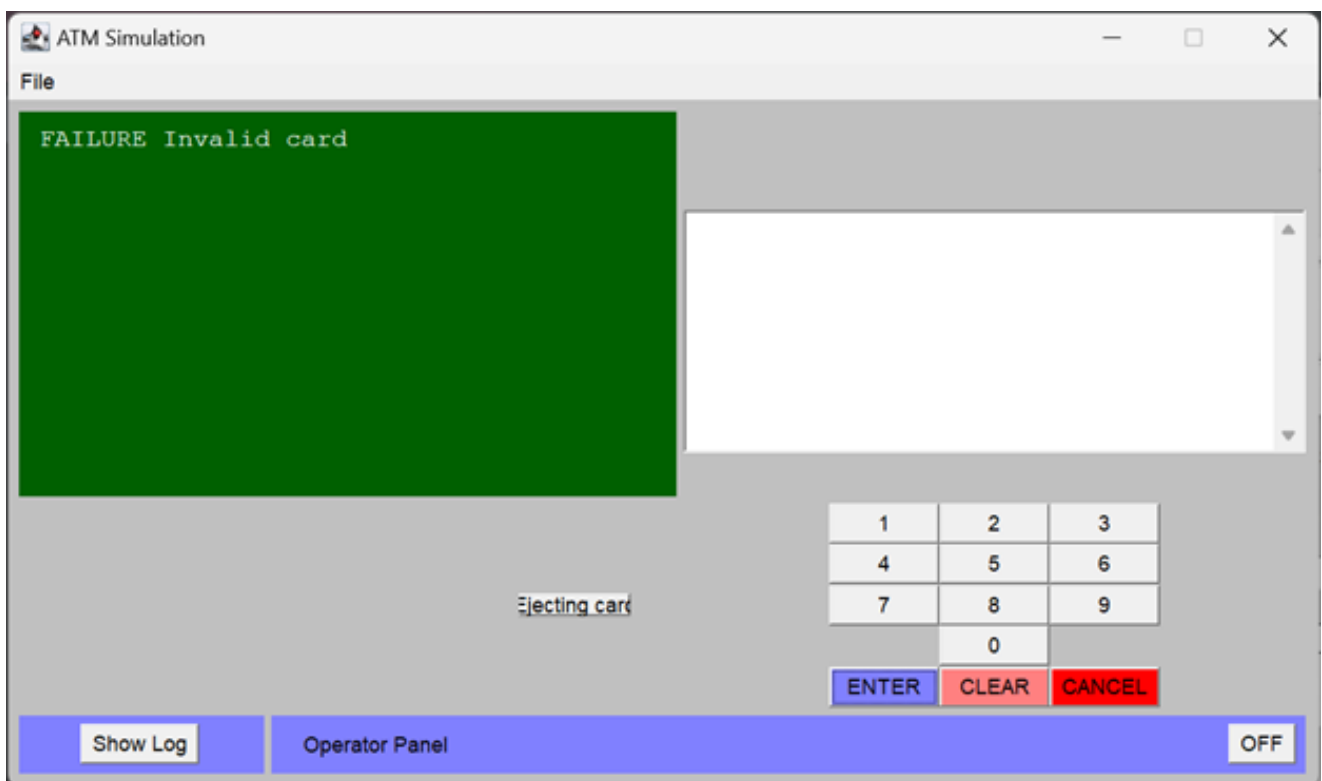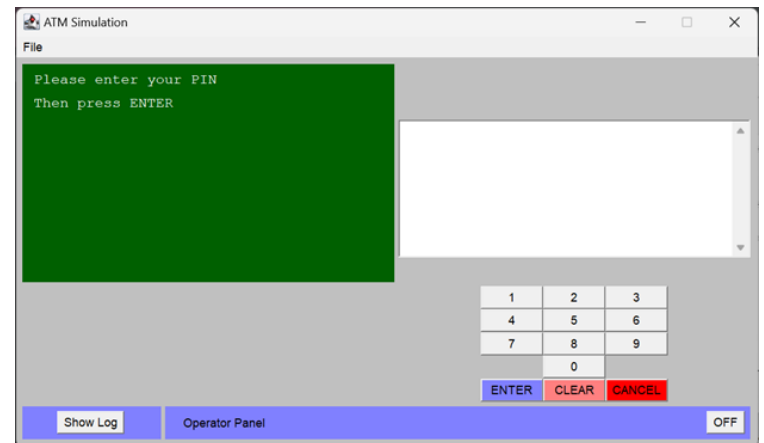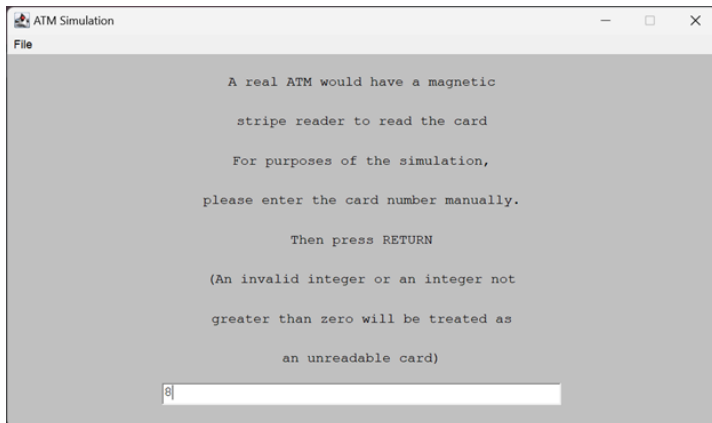Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	System rejects card which is in unreadable.
Initial System State	System is on but not servicing a customer
Steps to Reproduce bug:	Insert a card which is an unreadable
Outcome expected:	Card is ejected, System displays an error; System is ready to start a session
Actual outcome:	Card is recognized and user is being asked for PIN.
Version for SUT :	1.1

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.

Transfer transaction was reversed between the 'from' and 'to' accounts.
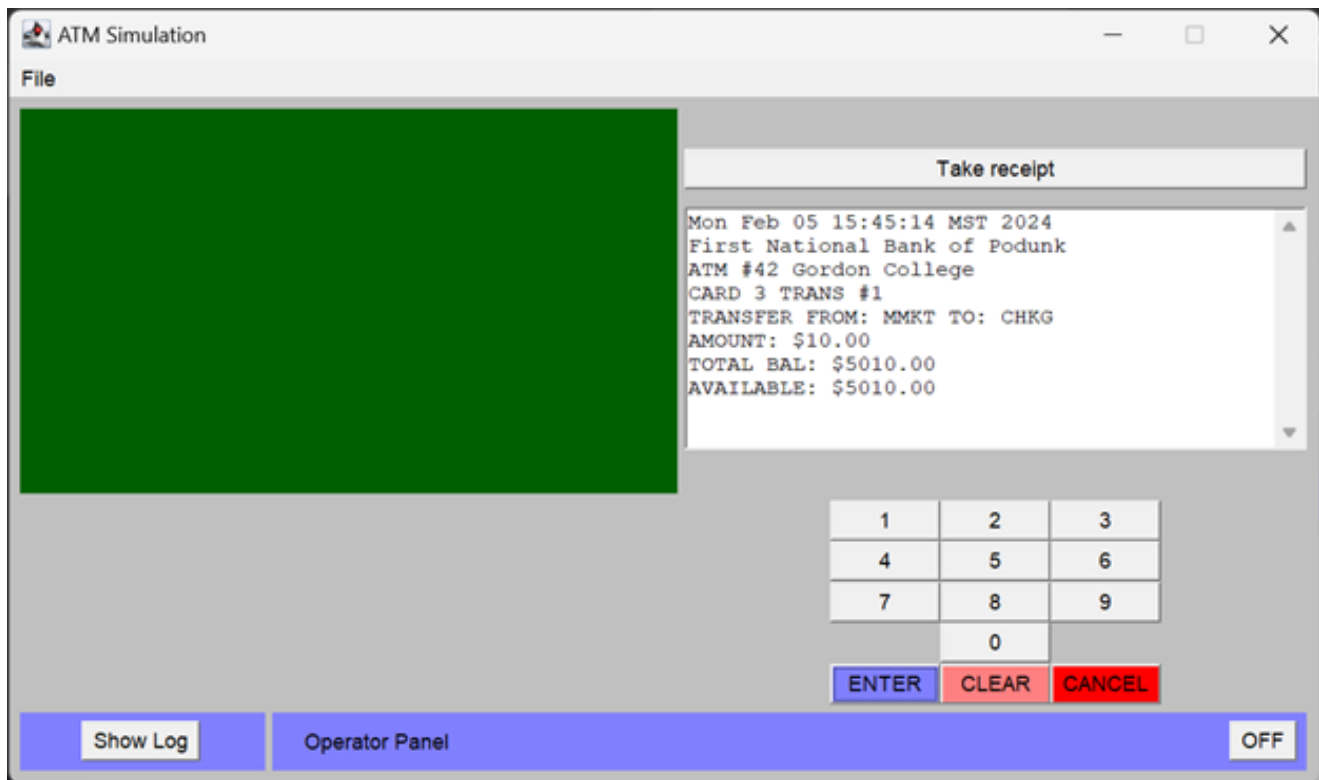Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	Medium
Reporter:	harshilpatel4417	**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:	Utilize any card, such as Card 2, input the PIN. Opt for the Transfer transaction and move a sum, for instance, $10, from the Chequing account to the Money Market Account. Take note of the account names displayed on the receipt, indicating the transfer from Money Market to Chequing.
Outcome expected:	The receipt indicates that the source account is labeled as Money Market, while the destination account is designated as Chequing.
Actual outcome:	From account should be Chequing and To account as Money Market
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.

Encountered an insufficient cash error despite attempting to withdraw a valid amount.
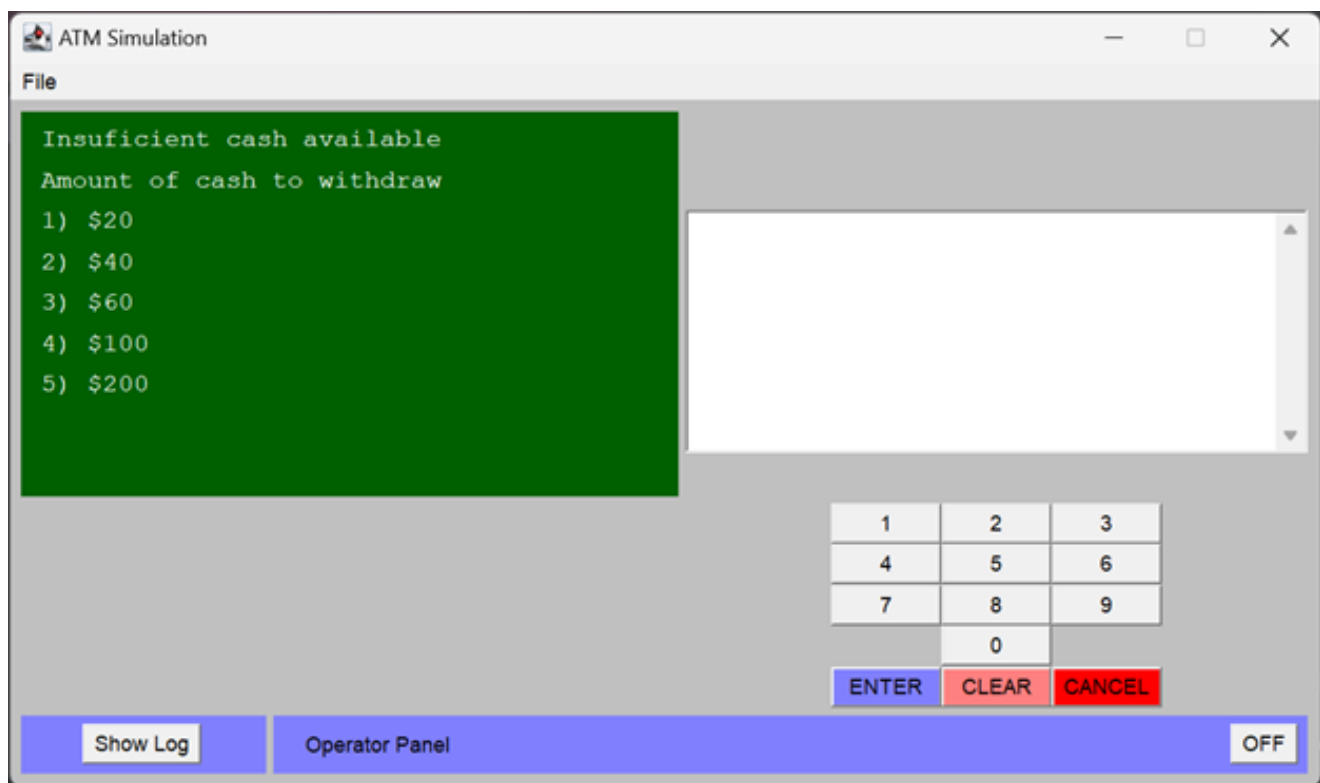Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	Availability of ATM cash
Initial System State	ATM is initialized with a 1 $20 bill before login user with Card 1.
Steps to Reproduce bug:	1-Click on "Click to insert card". 2-Enter "1" in the text field for card number and press enter. 3-Enter "42" using the keypad and click "enter" button to access the account. 4-Click "1" on keypad to go to Withdrawal. 5-Click "1" on keypad for Checking. 6-Click "2" on keypad to withdraw $20.
Outcome expected:	Account should be deducted by $20 and have a balance of $80.
Actual outcome:	Insufficient cash message shown.
Version for SUT :	1.0

The ATM is initialized with 1 $20 bill. When Card #1 tries to withdrawn $20, there is an "Insufficient Cash" error shown even thought the ATM has the cash available.

Issue with printing receipt following transactions.
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	Obtain Receipt
Initial System State	The ATM is loaded with $2,000 in the form of 100 twenty-dollar bills prior to the user with Card#1 accessing it. The checking account balance is $100.
Steps to Reproduce bug:	1. Click on "Click to insert card". 2. Enter "1" in the text field for card number and press enter. 3. Enter "42" using the keypad and click "enter" button to access the account. 4. Click "Balance Inquiry" 5. Click "Checking" account to inquire from 6. Click "Take Receipt"
Outcome expected:	System should say printing receipt
Actual outcome:	System interface goes blank
Version for SUT :	1.1

After performing a transaction, an attempt is made to print a receipt. Attempt is made using Card #1.

Comment: Defect still exists in version 1.1
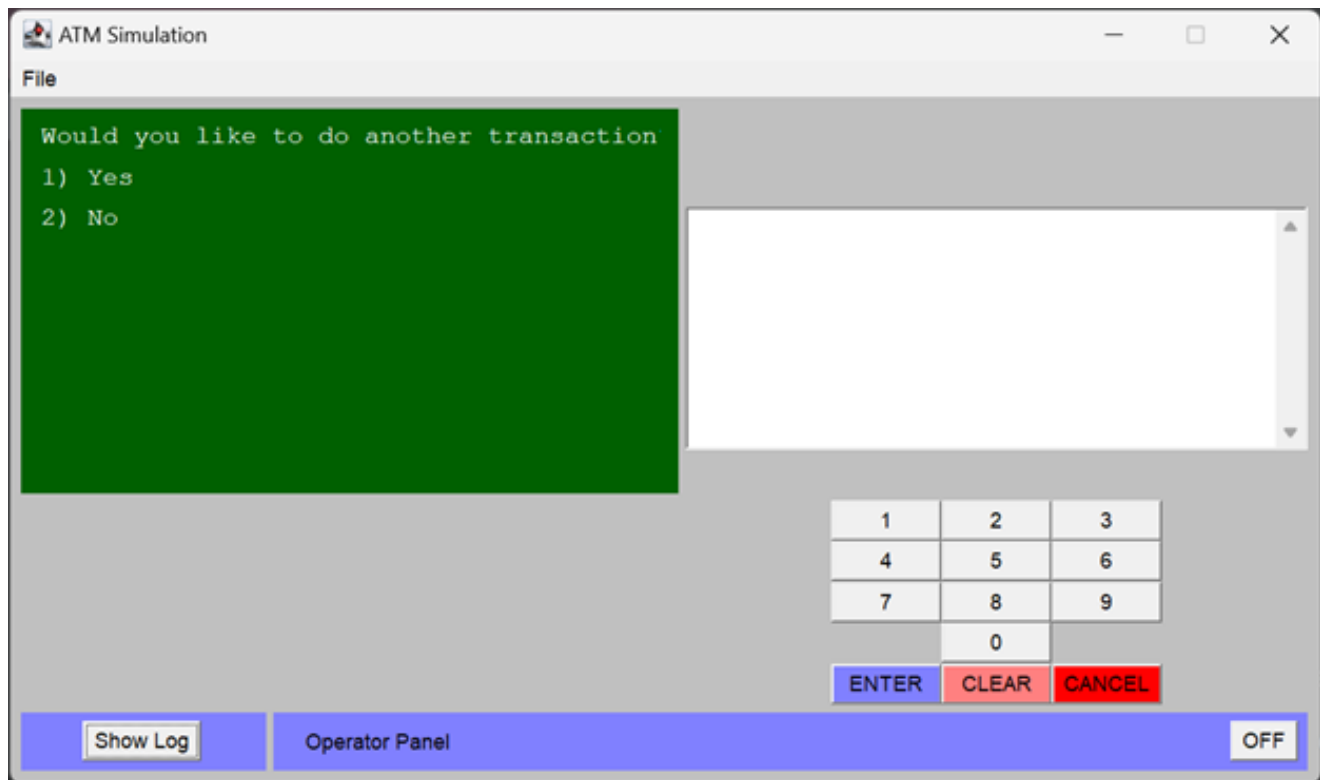
The ATM dispenses $20 when number 4 is selected in the transfer menu.
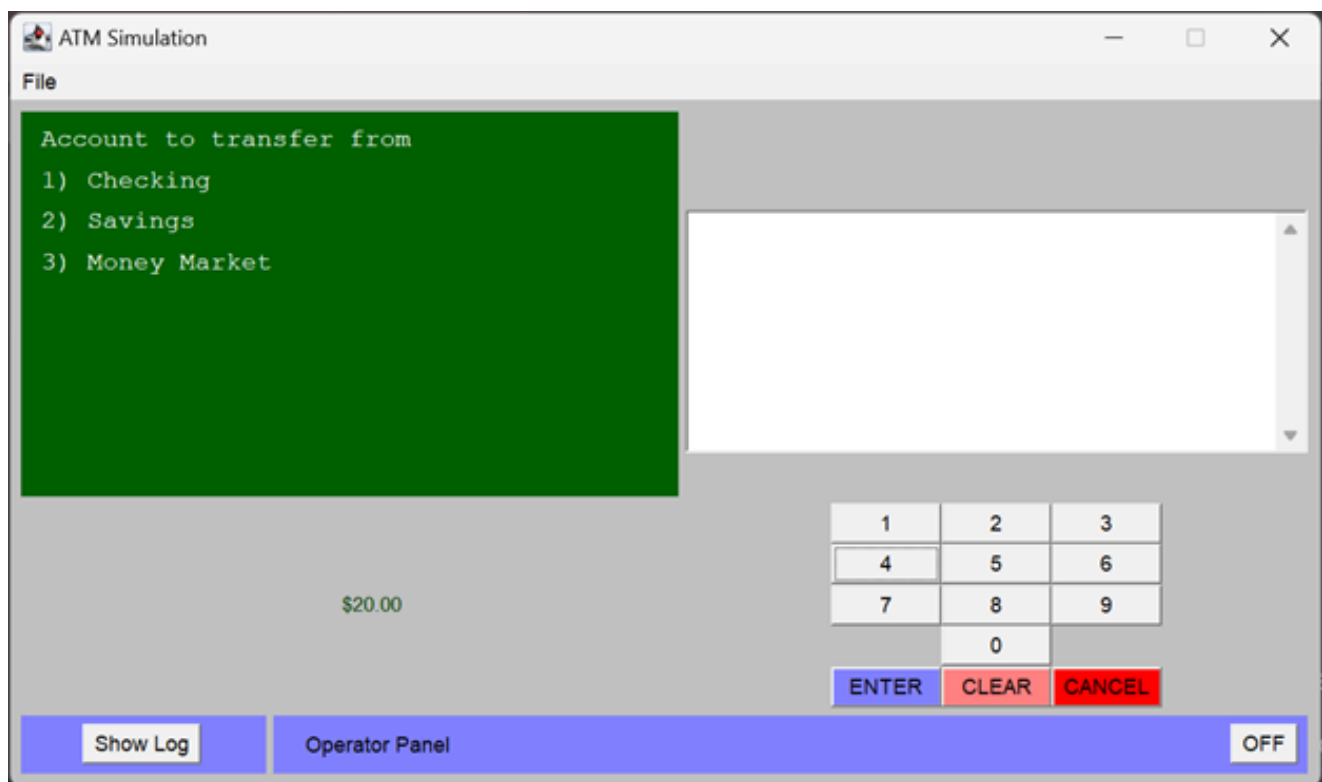Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Tejpreet Bal	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, input your PIN, and choose the transfer transaction. Without specifying any particular account, select a number that does not correspond to any account. Verify that the system indicates a $20 dispense, and then review the log to confirm the dispense.
Outcome expected:	Should show invalid account
Actual outcome:	Dispenses $20
Version for SUT :	1.1

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

Invalid account error when attempting balance inquiry with Card 2.
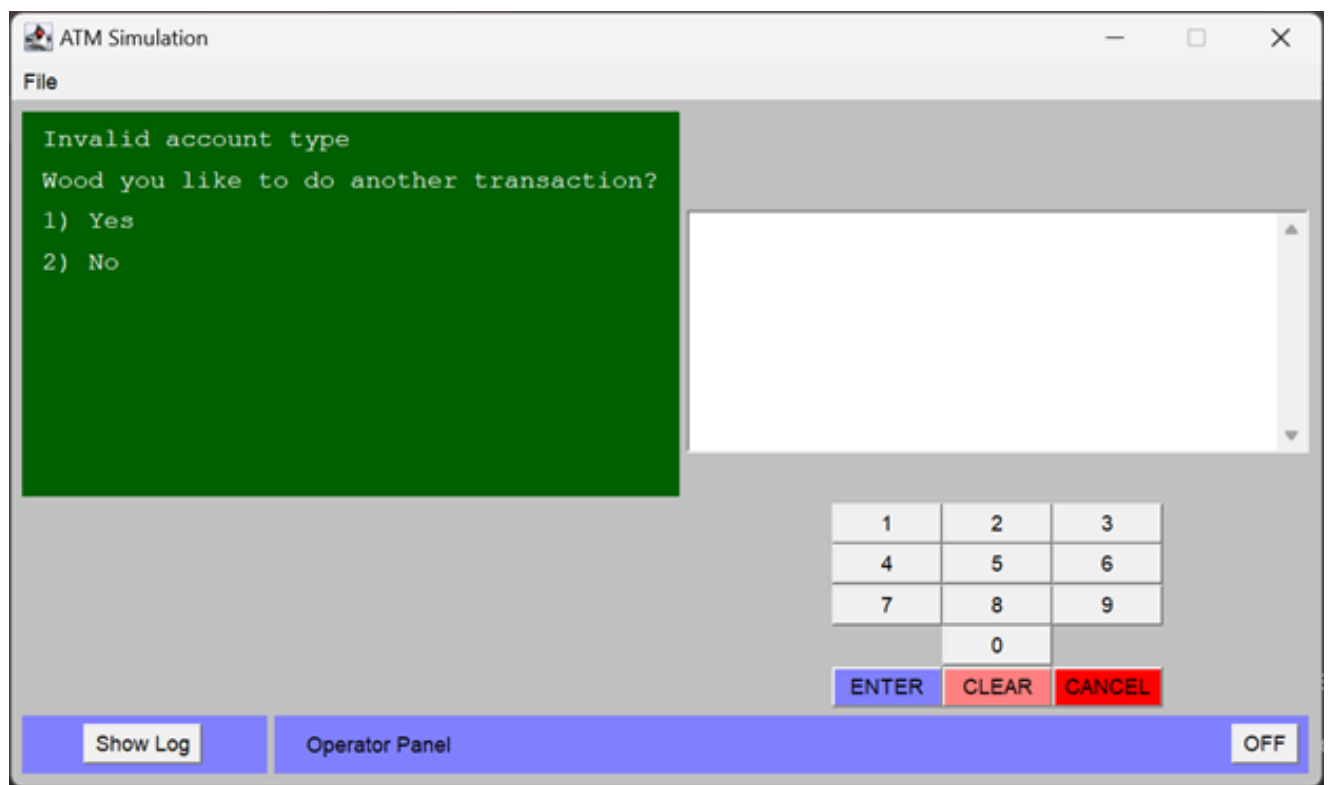Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	Accessing Card#2 Money Market Account
Initial System State	The ATM is initialized with a 100 $20 bills before user with Card#2 logs in. This user has a Money Market Account.
Steps to Reproduce bug:	Bug Reproduction Steps: 1. Select "Click to insert card." 2. Input "2" into the card number text field and press the enter key. 3. Enter "1234" using the keypad and press the "enter" button to log into the account. 4. Use the keypad to select "1" for Withdrawal. 5. Press "4" on the keypad to choose Balance Inquiry. 6. Select "2" on the keypad for Money Market.
Outcome expected:	The balance of Money Market account should show.
Actual outcome:	Invalid account type error message is displayed.
Version for SUT :	1.0

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

Invalid account error when attempting balance inquiry with Card 2.
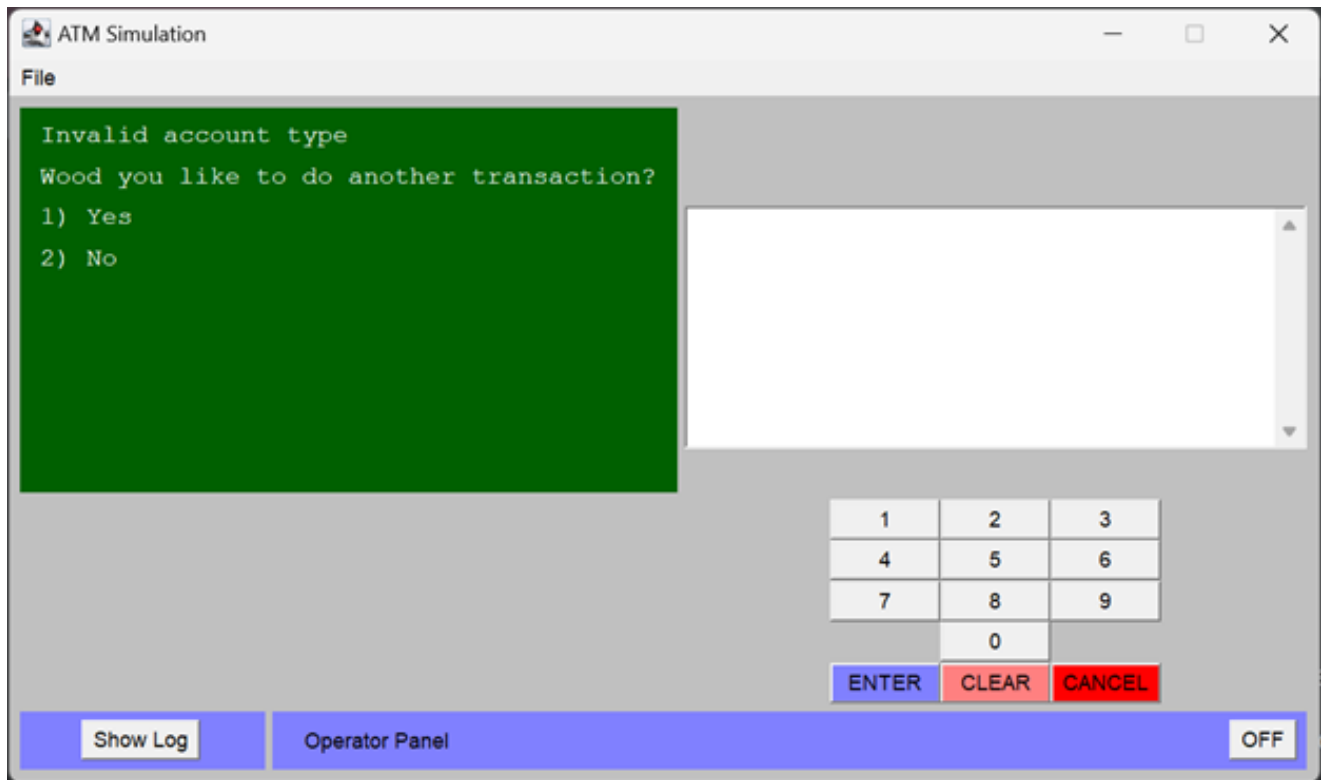Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	Medium
Reporter:	Tejpreet Bal	**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:	Select Balance Inquiry on Card 2 Money Market account
Outcome expected:	Display balance of money market account
Actual outcome:	Invalid account
Version for SUT :	1.0

Card 2 is linked to a money market account, yet the ATM displays "Invalid Account" even though the money market account is listed as an available option.

Unknown error encountered during balance inquiry for Money Market account using Card 1.

Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	Priority:	Medium
Reporter:	Tejpreet Bal	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:	1. Click on the "Click to insert card" option. 2. Enter "1" for the card number in the provided text field and press the enter key. 3. Use the keypad to type in "42" and then hit the "enter" button to access the account. 4. Select the Balance Inquiry function by pressing "4" on the keypad. 5. Opt for the Money Market by pressing "2" on the keypad.
Outcome expected:	Should so Invalid account type
Actual outcome:	Unknown Error and shows 500

Version for SUT : 1.0

Description

Card 1 indicates an Unknown Error occurs when attempting a Balance Inquiry on the Money Market account, with $500.00 being presented.
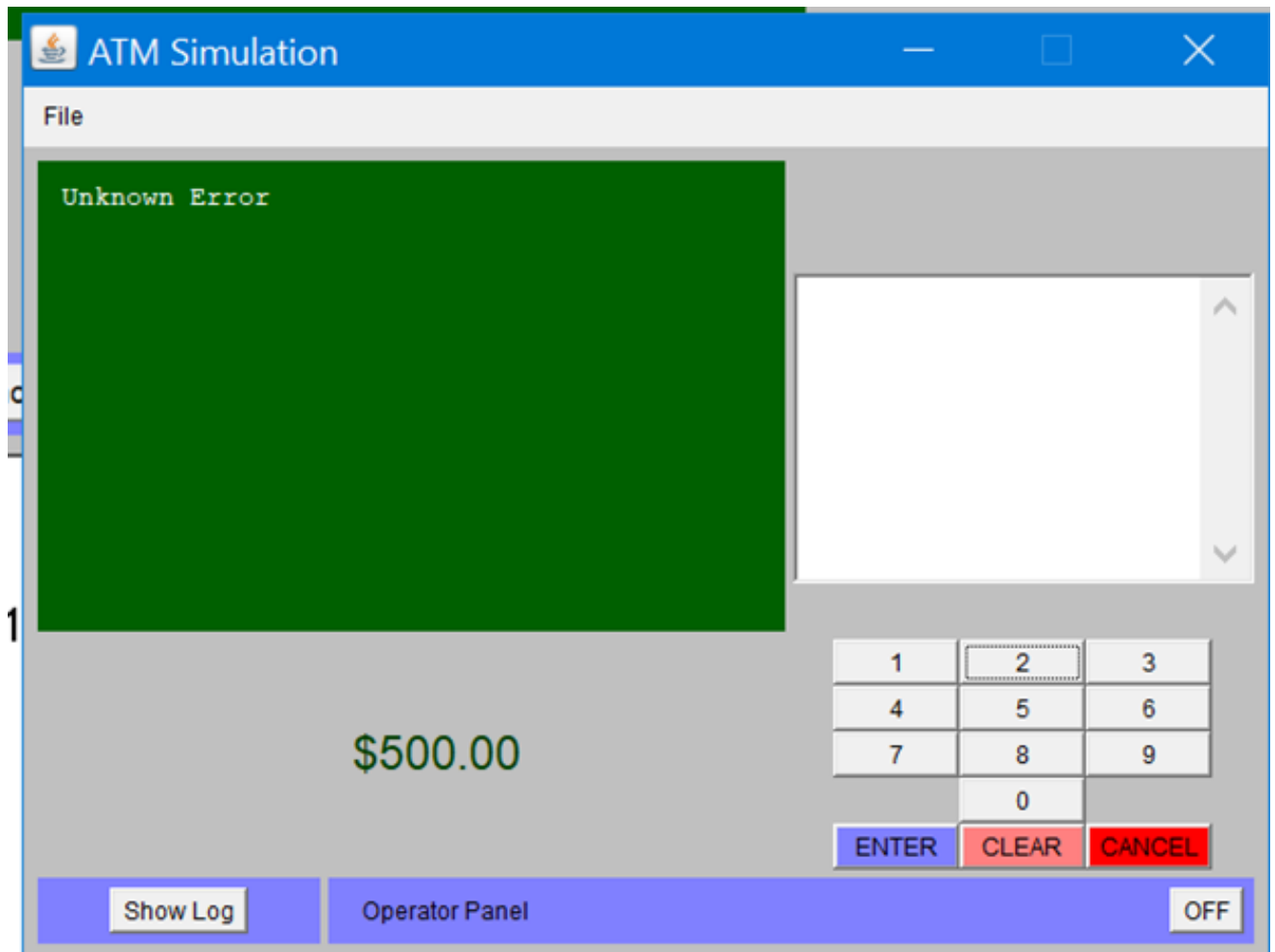
Incorrect amount being withdrawn when withdrawing $100
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	High
Reporter:	Tejpreet Bal	**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 a 100 $20 bills before user with Card#2 logs in. Checking Account has $100.
Steps to Reproduce bug:	1. Click on the "Click to insert card" option. 2. Enter "2" for the card number in the provided text field and press the enter key. 3. Use the keypad to type in "1234" and then hit the "enter" button to access the account. 4. Select the Withdrawal function by pressing "1" on the keypad. 5. Opt for the Checking account by pressing "1" on the keypad. 6. Execute a $100 withdrawal by pressing "4" on the keypad.
Outcome expected:	Account should be deducted by $100 and have a balance of $0.
Actual outcome:	Insufficient balance message shown.
Version for SUT :	1.0

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

Incorrect amount is dispensed during a $60 withdrawal attempt
Created: 03/Feb/24 Updated: 03/Feb/24
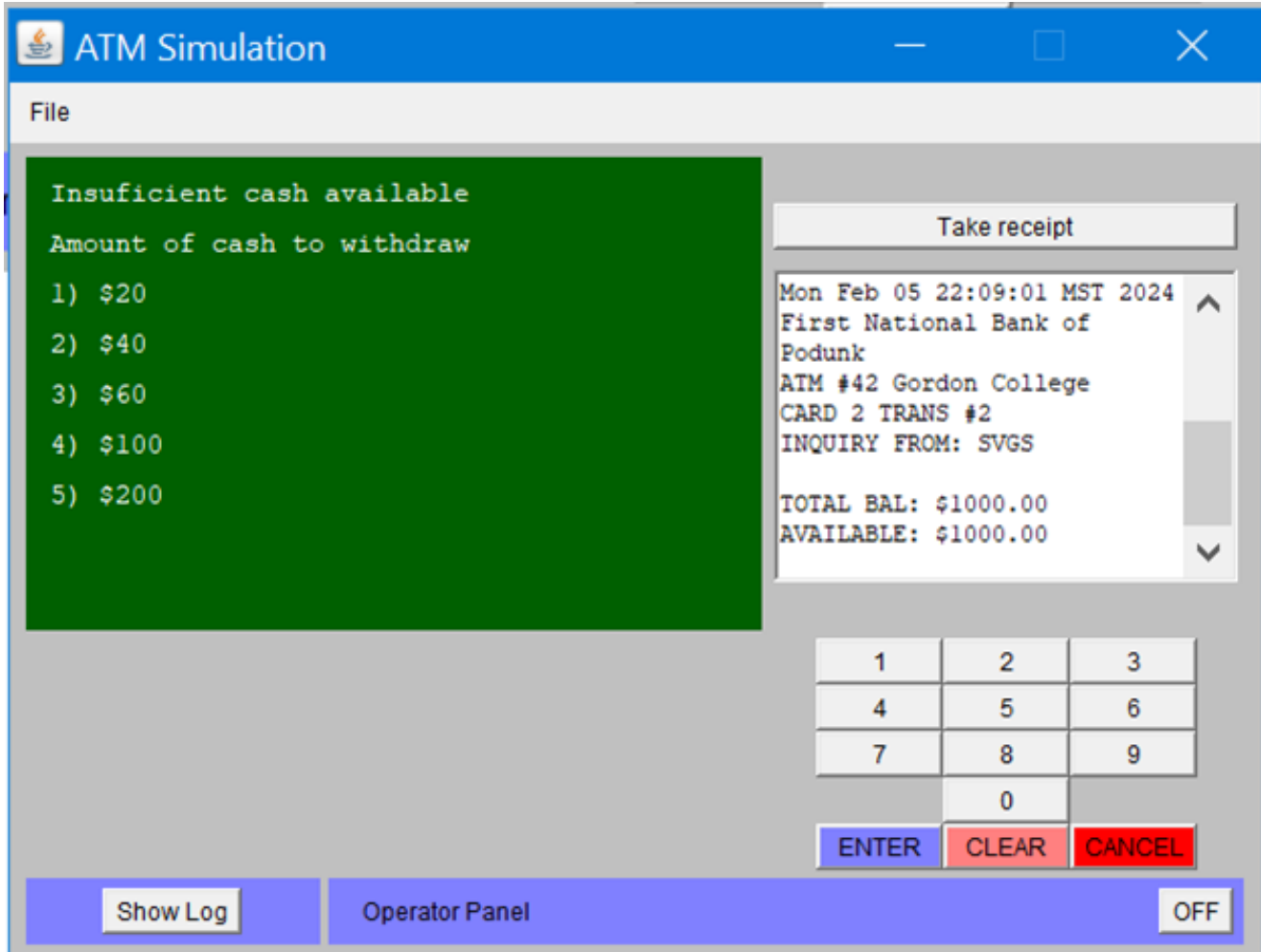
Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	High
Reporter:	Dhananjay Roy	**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 a 100 $20 bills before user with Card#1 logs in. Checking Account has $100.
Steps to Reproduce bug:	1. Select "Click to insert card." 2. Input "1" into the card number text field and hit the enter key. 3. Use the keypad to enter "42" and press the "enter" button to log into the account. 4. Choose "Withdrawal" by pressing "1" on the keypad. 5. Opt for "Checking" by pressing "1" on the keypad. 6. Withdraw $60 by pressing "3" on the keypad.
Outcome expected:	Account should be deducted by $60 and have a balance of $40.
Actual outcome:	Account is deducted by $100 and there is a balance of $0.
Version for SUT :	1.0

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

Wrong amount is dispensed during a $40 withdrawal attempt.
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	High
Reporter:	Munal Akhtar	**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 a 100 $20 bills before user with Card#1 logs in. Checking Account has $100.
Steps to Reproduce bug:	1. Click on the "Click to insert card" button. 2. Enter "1" as the card number in the designated field and hit the enter key. 3. Use the keypad to type in "42" and then press the "enter" button to access the account. 4. Access the Withdrawal section by pressing "1" on the keypad. 5. Select the Checking account option by hitting "1" on the keypad. 6. Start a withdrawal of $40 by pressing "2" on the keypad.
Outcome expected:	Account should be deducted by $40 and have a balance of $60.
Actual outcome:	Account is deducted by $60 and there is a balance of $40.
Version for SUT :	1.0

Description

When trying to withdraw $40 using Card #1, $60 was mistakenly dispensed.
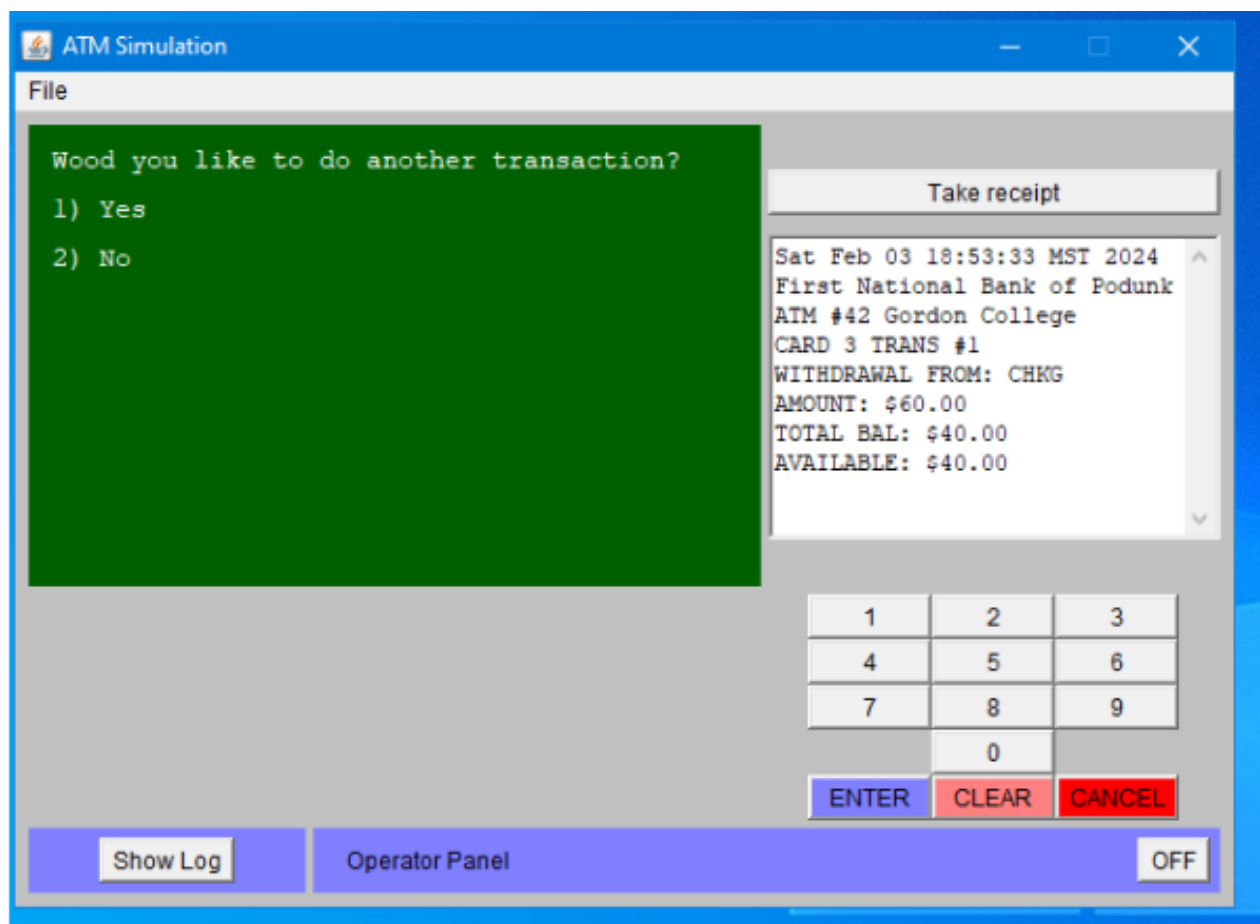
Incorrect amount transferred from Checking to Savings account.
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Initial System State	System is ON
Steps to Reproduce bug:	1. Place the card into the slot. 2. Input card number "1." 3. Set the PIN to "42." 4. Select option 3 for a transfer. 5. Choose option 1 for a transfer from a chequing account. 6. Opt for option 2 to transfer funds to the savings account. 7. Input the amount of $10.00 for the transfer.
Outcome expected:	Balance : $1010.00(saving), $90.00 (Chequing)
Actual outcome:	Balance : $1009.50(saving), $90.50 (Chequing)
Version for SUT :	1.0

Assessing transactions across various accounts.

Incorrect amount being withdrawn on withdrawing $20
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	Withdrawal of $20
Initial System State	The ATM is initialized with a 100, $20 bills before user with Card#1 logs in. Checking Account has $100.
Steps to Reproduce bug:	1. Click on "Click to insert card". 2. Enter "1" in the text field for card number and press enter. 3. Enter "42" using the keypad and click "enter" button to access the account. 4. Click "1" on keypad to go to Withdrawal. 5. Click "1" on keypad for Checking. 6. Click "1" on keypad to withdraw $20.
Outcome expected:	Account should be deducted by $20 and have a balance of $80.
Actual outcome:	Account is deducted by $40 and there is a balance of $60.
Version for SUT :	1.0

Description

A withdrawal attempt for $20 resulted in $40 being dispensed when using Card #1.

ATM Simulation

File

```
Wood you like to do another transaction?

1) Yes

2) No
```

Take receipt

```
Mon Feb 05 22:34:43 MST 2024
First National Bank of
Podunk
ATM #42 Gordon College
CARD 2 TRANS #3
WITHDRAWAL FROM: CHKG
AMOUNT: $40.00
TOTAL BAL: $50.50
AVAILABLE: $50.50
```

1	2	3
4	5	6
7	8	9
	0	

ENTER   CLEAR   CANCEL

Show Log   Operator Panel   OFF

Balance Inquiry for Saving.
Created: 03/Feb/24 Updated: 03/Feb/24 Resolved: 03/Feb/24

Status:	Resolved
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Bug	**Priority:**	High
Reporter:	Dhananjay Roy	**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 Saving
Initial System State	System is ON
Steps to Reproduce bug:	1. Insert card number 1 2. Insert pin of card number 1 3. 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

Testing Balance Inquiry saving function does not exist

ATM Simulation

File

```
Account to inquire from

1) Checking

2) Money Market
```

Take receipt

```
First National Bank of Podunk
ATM #42 Gordon College
CARD 3 TRANS #6
TRANSFER FROM: CHKG TO: MMKT
AMOUNT: $49.50
TOTAL BAL: $69.50
AVAILABLE: $69.50
Sat Feb 03 19:14:10 MST 2024
First National Bank of Podunk
ATM #42 Gordon College
```

1	2	3
4	5	6
7	8	9
	0	

ENTER   CLEAR   CANCEL

Show Log   Operator Panel   OFF

Incorrect Balance after a deposit in Saving account.
Created: 03/Feb/24 Updated 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Initial System State	System in ON
Steps to Reproduce bug:	1. Deposit Ten $20 dollar bills 2. Insert Card 3. Type Card No. 1 4. Enter the PIN 42 5. 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 of SUT:	1.1

Defects still exist in version. 1.1-Testing Balance after deposit the money in Saving account

Comment: Defect still exists in version 1.1

Incorrect Balance after a deposit in Checking account.
Created: 03/Feb/24 Updated: 03/Feb/24

Status:	In Progress
Project:	Assignment##1
Components:	None
Affects versions:	None
Fix versions:	None

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

Function Test:	Deposit
Initial System State	System is ON
Steps to Reproduce bug:	Deposit Ten $20 dollar bills, Insert Card, type Card No -1 enter PIN, 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

The issue persists in version 1.1 when verifying the balance after making a deposit into a checking account.

Note: The defect remains unresolved in version 1.1.