

[ENSF438-16] Misspelling Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Dominic Gartner	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Rank:	0ji00033:		

Description

- Function: Next transaction function
- Initial State: System is on, using card number 1, with PIN 42 and a transaction has just been completed.
- Reproduction: After a transaction, the screen to ask if the user wants to do another transaction is displayed.
- Expected: The prompt should read: "Would you like to do another transaction?"
- Actual: The prompt reads: "Wood you like to do another transaction?"

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[ENSF438-15] Selecting transaction type page

Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Alex	Assignee:	Alex
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Rank:	0ji0002v:		

Description

- Function: Selecting transaction type page
- Conditions: The system is on and idle

<div><div><div><div><div><div></div></div></div><div><div><div><div><div>•</div><div>Reproduction: Insert the card, enter the correct card number and PIN, select some number other than 1,2,3, or 4. Suppose I pressed (8)</div></div><div><div><div><div>•</div><div>Expected: The expected outcome:</div></div><div><div><div><div>•</div><div>It should handle the incorrect input and not break the program, allowing user to re enter correct input</div></div><div><div><div><div>•</div><div>Actual: The actual outcome:</div></div><div><div><div><div>•</div><div>Exception in thread "Thread-1" java.lang.NullPointerException</div></div><div><div><div><div>•</div><div>at atm.Session.performSession(Session.java:131)</div></div><div><div><div><div>•</div><div>at atm.ATM.run(ATM.java:124)</div></div><div><div><div><div>•</div><div>at java.base/java.lang.Thread.run(Thread.java:829)</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>

[ENSF438-14] [Withdrawal function](#) Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Alex	Assignee:	Alex
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Rank:	0ji0002n:		

[ENSF438-13] Selecting account to inquire about page Created: 01/Feb/24 Updated: 01/Feb/24			
Status:	In Progress		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Alex	Assignee:	Alex
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Original estimate:

Not Specified

Rank:

0ji0002f:

Description

- Function: Selecting account to inquire about page
- Conditions: The system is on and servicing a balance inquiry
- Reproduction: Insert the card, enter the correct card number and PIN, select the Balance Inquiry transaction type (4), select some number other then 1 or 2, Suppose I pressed (4), and looked at the log
- Expected: The expected outcome:
 - “Please press a valid choice”
- Actual: The actual outcome in Log:
 - Dispensed: \$20.00
 - Dispensed: \$20.00
 - Dispensed: \$20.00
 - Dispensed: \$20.00
 - Dispensed: \$20.00
- Actual (version 1.1)
 - Dispensed: \$20.00

Defect still exists in version 1.1

[ENSF438-12] MTF - Test Case 40 (Invalid PIN Extension) Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

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

Rank:

0ji00027:

Description

Function: Invalid PIN Extension

Initial State: Request to re-enter PIN is being displayed

Reproduction: Turn system on, enter card, enter “1” for pin, enter an incorrect pin number, enter an incorrect correct pin number on the second try, enter the correct pin on the third try

Expected: System should recognize the correct entered pin on the third try and allow the user to enter the account

+Actual:+System requests the user enter the correct pin a second time

Defect still exists in version 1.1

[ENSF438-11] MTF - Test case 39 (Invalid PIN Extension) Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Noel Thomas	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Rank:	0ji0001z:		

Description

Function: Invalid PIN Extension

Initial State: Request to re-enter PIN is being displayed

Reproduction: Turn system on, enter card, enter "1" for pin, enter an incorrect pin number, enter a correct pin number on the second try

Expected: System should recognize the correct entered pin on the second try and allow the user to enter the account

Actual: System requests the user enter the correct pin a second time

Defect still exists in version 1.1

[ENSF438-10] MTF - Test case 22 (Deposit) Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Noel Thomas	Assignee:	Unassigned
Resolution:	Unresolved	Votes:	0

Labels:	None
Remaining Estimate:	Not Specified
Time Spent:	Not Specified
Original estimate:	Not Specified

Rank:	0ji0001r:
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Description

Function: Deposit function

Initial State: System is requesting that customer insert an envelope

Reproduction: Turn system on and enter any amount of bills, insert card, enter card number “1” and “42” for the pin, enter 1 for “checking”, enter “\$20.00” to deposit, insert envelope,

Expected: System accepts envelope; System prints a correct receipt showing amount and correct updated balance; System records transaction correctly in the log (showing message to the bank, approval back, and acceptance of the envelope)

Actual: System accepts envelope but deposits \$10 less than what was entered. Shows correct log messages in the log

Actual: 10cents short displays 39.90 when depositing 20 into an account with 20 dollars

Defect still exists in version 1.1

[ENSF438-9] Deposit input is \$0 Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	Noel Thomas	Assignee:	Noel Thomas
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0ji0001j:
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Description

- Function:** Depositing Function
- Initial State:** System is on, using card number 1, with PIN 42. On the main menu. Initial amounts in checking, savings, and money mart.
- Reproduction:** Turn system on and enter any amount of bills, insert card, enter card number “1” and “42” for the pin, select 2 (for deposit), select 1 (for checking), enter 0 (to deposit \$0). Then, from the main menu, inquire on the checking balance of the checking account
- Expected:** The total balance should not have been reduced. The specifications do not mention transaction fees, or any reason the total balance should be reduced.
- Actual:** Total balance has reduced by \$10. When the initial state of checking total is \$100, after these steps, it reduces to \$90.
- Actual (version 1.1) :** Balance decreases by 10 cents

Defect still exists in version 1.1

[ENSF438-8] [Transfer System \\$0.50 unknown fee](#) Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	Dominic Gartner	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0ji0001b:
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Description

- Function: Transfer system
- Initial State: System is transferring money
- Reproduction: Insert the card, enter "1" for card number and "42" for PIN, select "3" for transfer, select "2" for savings, select "1" for checking, enter \$20.00 for transfer amount
- Expected: Expected that \$20 gets transferred from the savings account into the checking account
- Actual: Transfers \$19.50 from checking account to savings account

[ENSF438-7] [Balance Inquiry - Money Market Card 1](#) Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	Dominic Gartner	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		

Time Spent:	Not Specified
Original estimate:	Not Specified
Rank:	0ji00013:

Description

- Function: Balance Inquiry
- Initial State: System is checking balance of money market account
- Reproduction: Insert the card, enter “1” for card number and “42” for PIN, select “4” for balance inquiry, select “2” for money market
- Expected: Expected to display the current balance of the money market account
- Actual: Displays “Unknown error” and does an animation for withdrawing \$500. Does not deduct the balance of money market by any amount

[ENSF438-6] Incorrect withdrawal amount

Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	Dominic Gartner	Assignee:	Unassigned
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0ji0000r:
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Description

- Function: Withdrawal system
- Initial State: System is withdrawing money from users account
- Reproduction: Insert the card, enter the correct card number and PIN, select “1” for withdrawal, select “1” for checking, select “1” for \$20
- Expected: The expected outcome is that the ATM system gives the selected value for the withdrawal. When entering \$20 for the withdraw amount, the system should give \$20 and deduct the balance of the checking account by \$40
- Actual: Gives \$40 from withdrawal when attempting to withdraw \$20. Deducts total balance -\$40. Gives incorrect withdrawal amount

[ENSF438-5] Transferring money between accounts

Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress
Project:	ENSF438-A1

Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	Noel Thomas	Assignee:	Noel Thomas
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0ji0000v:
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Description

- Function: Transfer money between accounts function
- Conditions: System is on, using card number 1, with PIN 42. Initial amounts in checking, savings, and money mart. On the main menu.
- Reproduction: Select 3 (to transfer money), select 1 (for checking), select 2 (for savings). Enter \$10 to transfer between the two accounts.
- Expected: The balance in checking should be reduced by \$10, and the balance in savings should increase by \$10. Receipt should read "TRANSFER FROM: CHKG TO: SVGS".
- Actual: Balance from checking is reduced by \$9.50, there is no way to check the savings balance. Receipt reads "TRANSFER FROM: SVGS TO: CHKG".

Actual(Version 1.1): The balance in the receipt is updated accurately, displays the accurate monetary amount for each account however receipt displays "TRANSFER FROM: SVGS TO: CHKG".

Defect still exists in version 1.1

[ENSF438-4] Balance Inquiry - Card 2 Money Market Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	hamd khan	Assignee:	hamd khan
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0ji0000n:
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Description

- Function: Balance Inquiry
- Conditions: System is on and checking balance inquiry for account
- Reproduction: Insert the card, enter “2” for card number and “1234” for PIN, select “4” for balance inquiry, select “2” for money market account
- Expected: System displays the correct balance of the money market account. Thus, expected to display \$5000 for the balance of the money market account
- Actual: Does not display anything in the ATM terminal and immediately requests if you would like to perform another transaction

[ENSF438-3] [Deposit incorrect number format](#) Created: 01/Feb/24 Updated: 01/Feb/24 Resolved: 01/Feb/24

Status:	Done
Project:	ENSF438-A1
Components:	None
Affects versions:	None
Fix versions:	None

Type:	Task	Priority:	Medium
Reporter:	hamd khan	Assignee:	hamd khan
Resolution:	Done	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		

Rank:	0 j0000f:
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Description

Function: Deposit function

Initial State: The system is on and servicing a deposit

The system is on, When entering a number such as 00090006.06 the system crashes rather than providing a message saying the amount selected was invalid. The GUI display went blank and the page was unresponsive after selecting that amount to withdraw. If the transaction fails for any reason other than an invalid PIN, the ATM should display an explanation of the problem, and will then ask the customer whether he/she wants to do another transaction.

Reproduction: Insert the card, enter “1” for card number and “42” for PIN, select “2” for deposit, select “1” for checking, enter \$00090006.06 for deposit amount

Expected: Expected that the system returns “invalid deposit amount” and either quits the transaction or allows user to enter a new amount

Actual: The system throws a NumberFormatException error and the program crashes

[ENSF438-2] [Buffer overflow](#) Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress
Project:	ENSF438-A1
Components:	None

Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Noel Thomas	Assignee:	Noel Thomas
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Rank:	0ji00007:		

Description

- Function: PIN input function
- Initial State: System is on, using card number 1, with PIN 42. Initial amounts in checking, savings, and money mart. On the main menu.
- Reproduction: Turn system on and enter any amount of bills, insert card, enter card number “1” and “42” for the pin, select 2 (to deposit money), select 1 (for checking), enter 100000000000000000.00.
- Expected: Deposit \$100000000000000000.00 to the checking account or show an error message that tells the user the input is too large.
- Actual: The ATM goes blank, and a runtime error is recorded.

Defect still exists in version 1.1

[ENSF438-1] Card 1 wrong account name Created: 01/Feb/24 Updated: 01/Feb/24

Status:	In Progress		
Project:	ENSF438-A1		
Components:	None		
Affects versions:	None		
Fix versions:	None		
Type:	Task	Priority:	Medium
Reporter:	Dominic Gartner	Assignee:	Dominic Gartner
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original estimate:	Not Specified		
Rank:	0ji0000b:		

Description

- Function: Transfer system and withdraw system
- Initial State: System is idle but servicing a user
- Reproduction: Insert the card, enter “1” for card number and “42” for PIN, select “4” for balance inquiry
- Expected: Expected to give option for only checking and savings account

- **Actual:** Gives option to check balance of checking and money market, which the card does not have access to a money market account

*Actual (Version 1.1):*Still gives an option for money market for card 1 even though it does not have said account

Defect still exists in version 1.1

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