

ID	Work Item Type	Title	Assigned To	State	Severity	Repro Steps	System Info	Priority	Comment Count
1	Bug	Improper accounts being shown for card. Money dispensed if improper account selected.	Ian Saari	Active	1 - Critical	<p>User Story</p> <p>As a ATB user, I want to be able to check the account balances for my Savings and Checking accounts.</p> <p>Issue</p> <p>When trying to check balances, the ATM gives me options to view Checking, and Money Market. If the user selects money market an error occurs and money is falsely fed out.</p> <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>* With machine running</li> <li>* Insert card #1, and input PIN Correctly</li> <li>* Select "Balance Inquiry"</li> <li>* Select "Money Market"</li> </ul> <p>Expected Result</p> <ul style="list-style-type: none"> <li>* When selecting Balance Inquiry with card #1, Accounts applicable should be Checking and Savings, balance of selected should be shown.</li> </ul> <p>Actual Result</p> <ul style="list-style-type: none"> <li>* Money market shows up in selectable menu for accounts.</li> <li>* Upon selecting money market, Error is shown on screen, and \$500 cash is dispensed</li> </ul>	ATM Simulation V1	1	2
2	Bug	If PIN is entered incorrectly, system prompts twice for correct PIN	Matjaz Cigler	Active	3 - Medium	<p>User Story</p> <p>As a ATB user, if I incorrectly enter my PIN, I should be given an opportunity to enter it correctly, and move on with my transaction.</p> <p>Issue</p> <p>If a pin is incorrectly entered, a prompt will come telling you that it was entered incorrectly, and then if incorrectly will ask you a second time to enter your pin.</p> <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>* With machine running</li> <li>* Insert card #1, and input PIN incorrectly</li> <li>* Machine will prompt incorrect pin and ask for pin again. Enter PIN correctly.</li> <li>* A second PIN prompt appears.</li> </ul> <p>Expected Result</p> <ul style="list-style-type: none"> <li>* After incorrectly entering PIN, and being prompted to correct it, menu should log in after PIN is correctly entered.</li> </ul> <p>Actual Result</p> <ul style="list-style-type: none"> <li>* After incorrectly entering PIN, and after being prompted to enter it correctly, the system asks a second time for the corrected PIN.</li> </ul>	ATM System Version 1.0	2	1
3	Bug	Incorrect Card Displayed	Ian Saari	Active	3 - Medium	<p>Function being tested: Balance Inquiry</p> <p>Initial state: On with initial balance of \$1000 in machine.</p> <p>Repro Steps: Insert card 1, enter correct PIN, enter 4 for balance, 1 for chequing</p> <p>Expected Outcome: Display balance for card 1</p> <p>Actual Outcome: Display shows balance for card 2 name, log shows card 1</p>	ATM System - Lab 1 Version 1.0	2	1

4	Bug	Incorrect Money Withdrawn	Ian Saari	Resolved	2 - High	<p>Function being tested: Withdraw</p> <p>Initial state: On with \$1000</p> <p>Repro Steps: Insert card 1, enter correct PIN, withdraw \$100 from Checking</p> <p>Expected Outcome: Receive \$100</p> <p>Actual Outcome: Insufficient funds. Log states \$200 was requested. Withdraw selection index is off by 1, (when option 2 is selected, actually option 2 is selected etc), so makes case for insufficient funds error when that was not desired action.</p>	ATM System - Lab 1 Version 1.0	1	1
5	Bug	Invalid Account Type Indicated	Marie Howell	Active	3 - Medium	<p>Function being tested: Balance Inquiry</p> <p>Initial state: On with \$100</p> <p>Repro Steps: Insert card 2, enter correct PIN, check balance for account 2 - Money Market</p> <p>Expected Outcome: Balance of account</p> <p>Actual Outcome: Invalid account type</p>	ATM System - Lab 1 Version 1.0	2	1
6	Bug	Spelling Error	Matjaz Cigler	Resolved	4 - Low	<p>Function being tested: Balance Inquiry</p> <p>Initial state: On with \$100</p> <p>Repro Steps: Insert card 2, enter correct PIN, check balance for account 2 - Money Market</p> <p>Spelling error: 'Wood' should be 'would'</p>	ATM System - Lab 1 Version 1.0	4	1
7	Bug	Message Unreadable	Paul Uhrich	Active	4 - Low	<p>Function being tested: Balance Inquiry</p> <p>Initial state: On with \$100</p> <p>Repro Steps: Insert card 2, enter correct PIN, check balance for account 2 - Money Market</p> <p>Format Error: Message runs off screen.</p>		4	1
8	Bug	Money Lost During Deposit	Paul Uhrich	Active	1 - Critical	<p>Function being tested: Deposit</p> <p>Initial state: On with \$100</p> <p>Repro Steps: Insert card 2, enter correct PIN, deposit \$200 into Checking</p> <p>Expected Outcome: Previous account balance + \$200</p> <p>Actual Outcome: Previous account balance + \$190</p>	ATM System - Lab 1 Version 1.0	1	1
9	Bug	System Freeze when Card is Rejected	Marie Howell	Resolved	2 - High	<p>Function being tested: Insert Card</p> <p>Initial state: On with \$100</p> <p>Repro Steps: Insert card 3, enter any pin</p> <p>Expected Outcome: Card is rejected</p> <p>Actual Outcome: System freezes</p>	ATM System - Lab 1 Version 1.0	2	1

10	Bug	Money Recieved when Incorrect Button Pressed	Matjaz Cigler	Active	1 - Critical	<p>Function being tested: Balance Inquiry</p> <p>Initial state: On with \$20</p> <p>Repro Steps: Insert card 2, enter correct PIN, check balance, press any button other than 1 or 2</p> <p>Expected Outcome: Nothing</p> <p>Actual Outcome: Receive \$20</p>	ATM System - Lab 1 Version 1.0	1	1
11	Bug	Withdrawing Money Decreases All Card Balances	Matjaz Cigler	Active	1 - Critical	<p>Function being tested: Withdrawal</p> <p>Initial state: System on with \$1000</p> <p>Repro Steps:</p> <ul style="list-style-type: none"> <li>* Enter Card 1 and correct PIN</li> <li>* Check checking balance</li> <li>* Eject Card 1</li> <li>* Enter Card 2 and correct PIN</li> <li>* Withdraw 40\$ using \$20 option from checking account</li> <li>* Eject Card 2</li> <li>* Enter Card 1 with correct PIN</li> <li>* Check checking balance</li> </ul> <p>Expected Outcome: No change to card 1 checking account balance</p> <p>Actual Outcome: Card 1 checking account balance decreased by amount withdrawn by Card 2</p>	ATM System - Lab 1 Version 1.0	1	1
12	Bug	MFT: Log Does Not Show Bank Connection	Paul Uhrich	Active	4 - Low	<p>Test Case: 14</p> <p>Function being tested: Withdrawal</p> <p>Initial state: System on with \$1000</p> <p>Repro Steps: Enter card 1, enter correct PIN, select Withdraw from checking, withdraw \$40</p> <p>Expected Outcome: Log shows bank connection</p> <p>Actual Outcome: Log does not correctly show bank connection or log is not verbose enough for plain text english understanding of issues or processes. Should be adapted that reader can understand workflow and ATM processes.</p>	ATM System - Lab 1 Version 1.0	4	1
13	Bug	MFT: System Freezes if ATM Does Not Have Sufficient Cash	Paul Uhrich	Resolved	2 - High	<p>Test Case: 14</p> <p>Function being tested: Withdrawal</p> <p>Initial state: System on with \$20</p> <p>Repro Steps: Enter card 1, enter correct PIN, select Withdraw, withdraw from checking \$40</p> <p>Expected Outcome: Insufficient Cash indication</p> <p>Actual Outcome: System Freezes</p>	ATM System - Lab 1 Version 1.0	2	2

14	Bug	MFT: Money Lost When Transferred Between Accounts	Matjaz Cigler	Resolved	1 - Critical	<p>Test Case: 29 Function being tested: Transfer</p> <p>Initial state: System on with \$100</p> <p>Repro Steps: Enter card 1, enter correct PIN, select Transfer, transfer \$10 from Checking to Saving</p> <p>Expected Outcome: Display shows \$10 transferred</p> <p>Actual Outcome: Display shows \$9.50 transferred</p>	ATM System - Lab 1 Version 1.0	1	1
15	Bug	Log persists when inserting a different card	Ian Saari	Resolved	3 - Medium	<p>User Story As an ATM user, your log should be cleared when leaving the atm even if you do not take your receipt.</p> <p>Issue When ejecting a card and then inserting another card, if you do not "Take Receipt" the log persists in the system with previous transactions.</p> <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>* With machine running</li> <li>* Insert card #1, and input PIN correctly</li> <li>* Perform any type of transaction that creates a log on the screen.</li> <li>* Eject card</li> <li>* Insert card #2, and input PIN correctly</li> <li>* The log from the previous transaction (card 1 log) will still be on the screen.</li> </ul> <p>Expected Result</p> <ul style="list-style-type: none"> <li>* After ejecting your card the log/screen should be cleared of all data.</li> </ul> <p>Actual Result</p> <ul style="list-style-type: none"> <li>* After ejecting your card the log/screen persists.</li> </ul>	ATM System - Lab 1 Version 1.0	2	2
16	Bug	Withdrawing \$200 from an account only \$20 is withdrawn	Paul Uhrich	Resolved	2 - High	<p>User Story As an ATB user, you should be able to receive the correct amount when you choose an amount to withdraw.</p> <p>Issue When withdrawing \$200 from any account the amount withdrawn is \$20.</p> <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>* With machine running</li> <li>* Insert card #1, and input PIN incorrectly</li> <li>* Press 1 to withdraw</li> <li>* Press 2 to withdraw from savings account</li> <li>* Press 5 to withdraw \$200</li> </ul> <p>Expected Result</p> <ul style="list-style-type: none"> <li>* After withdrawing \$200 the amount given to you should be \$20 and the amount taken from the account should be \$200.</li> </ul> <p>Actual Result</p> <ul style="list-style-type: none"> <li>* After withdrawing \$200, only \$20 is given to you and taken from the account.</li> </ul>	ATM System - Lab 1 Version 1.0	2	1

17	Bug	When withdrawing insufficient amount in checking, insufficient funds window does not appear.	Marie Howell	Active	3 - Medium	<p>User Story</p> <p>As an ATM user, you should never get stuck on a screen with no potential to continue with another transaction.</p> <p>Issue</p> <p>When using card 2, if you attempt to withdraw an insufficient amount, the insufficient funds window does not appear and you are stuck on this window.</p> <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>* With machine running</li> <li>* Ensure that there are no funds in your checking account.</li> <li>* Insert card #2, and input PIN correctly</li> <li>* Press 1 to withdraw</li> <li>* Press 1 to withdraw from checking</li> <li>* Press 5 to withdraw \$200</li> <li>* The New Insufficient Funds page does not appear.</li> <li>* Only option is to eject card, no options to selection other functionality.</li> </ul> <p>Expected Result</p> <ul style="list-style-type: none"> <li>* After attempting to withdraw an insufficient amount the system should ask if you would like to attempt another transaction.</li> </ul>	ATM System - Lab 1 Version 1.1 & Version 1.0.	2	1
18	Bug	MFT: Transfer completed correctly but in line indicating account the accounts are mixed up (sending to and receiving from indicate opposite but transaction is correct)	Ian Saari	Active	3 - Medium	<p>Test Case: 29</p> <p>Function being tested: Transfer</p> <p>Initial state: System on with \$1000 in savings, \$100 in checking.</p> <p>Repro Steps: Enter card 1, enter correct PIN, select Transfer, transfer \$50 from Checking to Saving</p> <p>Expected Outcome: Receipt shows \$50 transferred from checking to savings</p> <p>Actual Outcome: Receipt shows that \$50 is transferred from checking to savings but the line above has a typo and says the opposite: "TRANSFER FROM: SVGS TO: CHKG"</p>	ATM System - Lab 1 Version 1.1	2	0
19	Bug	Money Market: Invalid account type	Matjaz Cigler	Active	3 - Medium	<p>Function being tested: Withdrawal/deposit from Money Market account</p> <p>Initial state: On with any amount of funds.</p> <p>Repro Steps:</p> <ul style="list-style-type: none"> <li>* Enter a valid card number and pin.</li> <li>* Press 1 for withdrawal or 2 for deposit.</li> <li>* Press 3 for the money market.</li> <li>* Press any withdrawal or deposit amount.</li> <li>* An invalid account type message is displayed.</li> </ul> <p>Expected Outcome: Withdrawal or deposit of funds.</p> <p>Actual Outcome: Invalid account type</p>	* ATM System - Lab 1 Version 1.0	2	1

20	Bug	Incorrect outcome when invalid option is selected	Marie Howell	Active	1 - Critical	<p>Function being tested: Entry of invalid option during withdrawals</p> <p>Initial state: On with any amount of funds.</p> <p>Repro Steps:</p> <ul style="list-style-type: none"><li>* Enter a valid card number and pin.</li><li>* Press 1 for withdrawal.</li><li>* Press 2 Chequings.</li><li>* Press a number out of the range displayed on the screen.</li><li>* Nothing is done with the account balance but the animation is shown with \$20.</li></ul> <p>Expected Outcome: Reject input and wait for correct input.</p> <p>Actual Outcome: Input is rejected but animation for withdrawal of \$20 is shown. This occurs even if there is no money in the machine, meaning that the system is unaware of current cash balance.</p>	ATM System - Lab 1 Version 1.0	1	2
21	Bug	MFT: Spelling Error	Ian Saari	Active	4 - Low	<p>Test Case: 14</p> <p>Function being tested: Withdrawal</p> <p>Initial state: System on with \$1000</p> <p>Repro Steps: Enter card 1, enter correct PIN, select Withdraw</p> <p>Spelling Error: Option for \$60 does not show '\$'</p>	ATM System - Lab 1 Version 1.1	4	0