Number	Use Case	Function Being Tested	Initial State	Expected outcome	Input	Actual outcome	Steps to bug
11	TRANSACTION	System handles an invalid PIN properly	A readable card has been entered	The Invalid PIN exception is performed	Enter no Pin and press enter	No response from system	Turn on machine Insert card Prompt to enter PIN
11	TRANSACTION	System handles an invalid PIN properly	A readable card has been entered	The Invalid PIN exception is performed	Enter PIN that are longer than 10 digit	System freeze, system not responsible from any action	Turn on machine Insert card Prompt to enter PIN
14	WITHDRAWAL	System performs a legitimate withdrawal transaction properly	System is displaying the menu of withdrawal amounts	System dispenses this amount of cash; System prints a correct receipt showing amount and correct updated balance; System records transaction correctly in the log (showing both message to the bank and approval back)	Choose an amount that the system currently has and which is not greater than the account balance	Incorrect amount of cash is dispensed with reference to the button being pressed. System prints a correct receipt and updates the log correctly based on the incorrect cash dispensed.	Turn on the machine. Insert card. Enter card number. Enter PIN. Choose Withdrawal. Choose Checking. Choose (3) $60.

22	Deposit	System performs a legitimate deposit transaction properly	System is requesting that customer insert an envelope	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)	Insert an envelope	Misspelled Word (Wood Instead of would), Incorrect updated amount	Do standard procedures to initialize the system for card 1 with 10 bills. Go into deposit and deposit 10 dollars and insert the envelope.
23	Deposit	A deposit transaction can be cancelle	System is displaying menu of	System displays an appropriate message and offers customer	Press "Cancel" key	Misspelled Word (Wood Instead of would), **NOTE THIS ALSO HAPPENS**	Do standard procedures to initialize the system for card 1 with 10 bills. Go into deposit

#	Type						
		d by the customer any time prior to inserting an envelope	account types	the option of choosing to do another transaction or not.		FOR TESTS 24, 25 and 30	
29	Transfer	System performs a legitimate transfer transaction properly	System is displaying a request for the customer to type a dollar amount	System prints a correct receipt showing amount and correct updated balance; System records transaction correctly in the log (showing both message to the bank and approval back)	Enter a legitimate dollar amount	The amount transferred to the savings account is incorrect	Use standard procedures for setting up the ATM and card 1. Then choose transfer, checking, and then savings, enter an amount that the checking account has and click enter.

| | WITHDRAWAL | User withdrawal from account | Choose withdraw from checking | withdraw $200 | enter 5

request withdraw $200 | withdrawn $20 | Start system with 20* 20 dollars

User intert card and enter correct PIN

Choose withdraw from checking

request withdraw $ 200 |
|---|---|---|---|---|---|---|---|

37	Invalid PIN Extension	Correct re-entry of PIN is accepted	Request to re-enter PIN is being displayed	Enter correct PIN	Original transaction completes successfully	Please enter your PIN Then press ENTER	Starting the ATM machine on, Enter the Card number, Then Insert the Card, enter correct PIN.
39	Invalid PIN Extension	Correct re-entry of PIN on the second try is accepted	Request to re-enter PIN is being displayed	Enter incorrect PIN the first time, then correct PIN the second time	Original transaction completes successfully	Please enter your PIN Then press ENTER	Starting the ATM machine on, Enter the Card number, Then Insert the Card, enter incorrect PIN, and re-enter correct PIN

40	Invalid PIN Extension	Correct re-entry of PIN on the third try is accepted	Request to re-enter PIN is being displayed	Enter incorrect PIN the first time and second times, then correct PIN the third time	Original transaction completes successfully	Please enter your PIN Then press ENTER	Starting the ATM machine on, Enter the Card number, Then Insert the Card, enter incorrect PIN, re-enter incorrect PIN, re-enter correct PIN