

Login:

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
login00	Ensure that the login transaction is the first transaction to be used.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client
login01	Test the admin mode login.	Failed	-Typo in the bto file -Typo in the .etf file	-Fix typo
login02	Test the standard mode login.	Failed	-Typo in the bto file -Typo in the .etf file	-Fix typo
login03	Ensure the system does not validate an empty input as a transaction.	Failed	-Typo in the bto file -Typo in the .etf file	-Fix typo
login04	Ensure the system does not validate an unexisting transaction.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client
login05	Ensure the system does not validate invalid characters.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client
login06	Ensure the login transaction is not validated in an active logged-in session.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file	-Fix typo -Corrected the .inp file to exit gracefully from the client

			-Typo in the .etf file	
login07	Ensure the system does not validate empty inputs as an account holder's name.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client
login08	Ensure the system does not validate invalid characters for the account holder's name.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client
login09	Ensure the system does not validate an unexisting account holder's name.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client

Withdrawal:

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
withdrawal00	Ensure the system validates the withdrawal transaction as a standard user.	Failed	-Typo in the .bto file -Program fails to print remaining balance. -Typo in the .etf file	-Fix typo -Since the backend is not functional, remove the print statement that displays the remaining balance.
withdrawal01	Ensure the system validates the withdrawal transaction as an admin user.	Failed	-Typo in the .bto file -Program fails to print remaining balance -Program prints with typo. -Typo in the .etf file	-Fix typo -Since the backend is not functional, remove the print statement that displays the remaining balance.

				-Fix typo in print statement
withdrawal02	Ensure the system does not validate an empty input as the account holder's name.	Failed	-Typo in the .bto file -Typo in the .etf file	-Fix typo
withdrawal03	Ensure the system does not validate an unexisting account holder's name.	Failed	-Typo in the .bto file -Typo in the .etf file	-Fix typo
withdrawal04	Ensure the system does not validate invalid characters as the account holder's name.	Failed	-Typo in the .bto file -Typo in the .etf file	-Fix typo
withdrawal05	Ensure the system does not validate an empty input as the account number.	Failed	-Typo in the .bto file The client does not mention the bad input from the user. -Typo in the .etf file	-Fix typo -Create a print statement to let the user know the input is invalid.
withdrawal06	Ensure the system does not validate an unexisting account number.	Failed	-Typo in the .bto file The client does not mention the bad input from the user. -Typo in the .etf file	-Fix typo -Create a print statement to let the user know the input is invalid.
withdrawal07	Ensure the system does not validate invalid characters as the account number.	Failed	-Typo in the .bto file -Typoe in the .inp file -Typo in the .etf file	-Fix typo
withdrawal08	Ensure the standard user does not withdraw more than \$500.00.	Failed	-Typo in the .inp file crashes the .out file. -Typo in the .etf file	-Fix typo
withdrawal09	Ensure the system does not validate an empty input as the withdrawal amount	Failed	-Typo in the .bto file -Typo in the .inp file -Typo in the .etf file	-Fix typo
withdrawal10	Ensure the system does not	Failed	-Typo in the .inp file crashes	-Fix typo

	validate a negative amount to withdraw.		the .out file -Typo in the .etf file	
withdrawal11	Ensure the system does not validate invalid characters as the amount to withdraw.	Failed	-Typo in the .etf file -Typo in the .inp file	-Fix typo
withdrawal12	Ensure the system does not validate an amount to withdraw greater than the account balance.	Failed	-Typo in the .etf file -Typo in the .inp file	-Fix typo
withdrawal13	Ensure the system does validate an account number that does not belong to the active session account.	Failed	-Typo in the .etf file -Typo in the .bto file	-Fix typo

Transfer:

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
transfer00	Ensure the system validates the transfer transaction as a standard user.	Failed	The program does not mention the remaining balance in the transferor account. -Typo in the .bto file -Typo in the .etf file	-Since the backend is not functional, the feature of displaying the remaining balance in the transferor account was removed. -Fix typo
transfer01	Ensure the system validates the transfer transaction as an admin user.	Failed	-Typo in the .inp file causes a crash in the .out file. -Typo in the .etf file	-Fix typo
transfer02	Ensure the system does not	Failed	-Typo in the .bto file.	-Fix typo

	validate an empty input as the account holder's name.		-The program does not print an error message when given a bad input. -Typo in the .etf file	-Added error statement for bad inputs.
transfer03	Ensure the system does not validate an account number that does not belong to the account holder currently logged in.	Failed	-Typo in the .bto file. -The program does not print an error message when given a bad input. -Typo in the .etf file	-Fix typo -Added error statement for bad inputs.
transfer04	Ensure the system does not validate invalid characters as the account holder's name.	Failed	-Typo in the .bto file. -The program does not print an error message when given a bad input. -Typo in the .etf file	-Fix typo -Added error statement for bad inputs.
transfer05	Ensure the system does not validate an empty input as the account number.	Failed	-Typo in the .bto file. -The program does not print an error message when given a bad input. -Typo in the .etf file	-Fix typo -Added error statement for bad inputs.
transfer06	Ensure the system does not validate an unexisting account number.	Failed	-Typo in the .bto file. -The program does not print an error message when given a bad input. -Typo in the .etf file	-Fix typo -Added error statement for bad inputs.
transfer07	Ensure the system does not validate invalid characters as the account number.	Failed	-Typo in the .bto file. -The program does not print an error message when given a bad input. -Typo in the .etf file	-Fix typo -Added error statement for bad inputs.
transfer08	Ensure the system does not	Failed	-Typo in the .etf file	-Fix typo

	validate an amount to transfer greater than \$1000.00 for a standard user.		-Typo in the .inp file which crashed the .out file -No .atf file generated	-The .atf file is generated after the typo is fixed
transfer09	Ensure the amount to transfer is not greater than the sender's account balance.	Failed	--Typo in the .etf file -Typo in the .inp file which crashed the .out file -No .atf file generated -The program does not print an error message when given a bad input.	-Fix typo -The .atf file is generated after the typo is fixed - Added error statement for bad inputs.
transfer10	Ensure the receiver account number is not the same as the sender account number.	Failed	-Typo in the .etf file -Typo in the .inp file which crashed the .out file -No .atf file generated -The program cannot handle bad input and crashes. -The program does not perform the intention of the test.	-Fix typo -The .atf file is generated after the typo is fixed -Fixed bug in the program to fix the crash. -Fixed bug in the program to ensure the test is applied.

Paybill:

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
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paybill00	Ensure the system accepts a valid account holder's name when logged in as admin.	Failed	-Typo in the .bto file -Faulty .inp file produced a faulty .out file -Typo in the .etf file	-Fix typo -Corrected the .inp file to exit gracefully from the client
paybill01	The system does not accept an invalid account holder's name when logged in as admin.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
paybill02	The system should not prompt for an account holder's name if logged in as a standard.	Passed	-	-
paybill03	Ensure the system asks for the account number and only validates an account number that belongs to the user.	Failed	The program does not terminate on invalid company input.	-Fixed the program to terminate on invalid inputs.
paybill04	The system does not validate account numbers that do not exist.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.

paybill05	The system does not validate an account number that belongs to a different user.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
paybill06	Ensure the system accepts input from the company to whom the bill is being paid and validates it if it matches with a company name registered with the bank.	Failed	The system did not accept the company name typed in full.	- Added full names to the company name check. -Implemented a mapping to convert full names to abbreviations for transaction file logging.
paybill07	The system should not validate a company that does not match a company name registered with the bank.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
paybill08	Ensure the system prompts for the amount to be paid and validates amounts that meet the requirements.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.

paybill09	The system validates amounts greater than 2000 only if the session is admin.	Failed	-The .etf file was not correct.	-Fixed the file to correctly reflect the inputs.
paybill10	The system does not process the amount if it does not meet the requirements.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.

Deposit:

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
deposit00	Ensure the system asks for the account holder's name when logged in as admin.	Failed	-Typos in the .bto file	- Fixed .bto file.

deposit01	The system does not accept an invalid account holder's name when logged in as admin.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
deposit02	The system should not prompt for an account holder's name if logged in as a standard.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
deposit03	Ensure the system asks for the account number and only validates an account number that belongs to the user.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
deposit04	The system does not validate an account number that does not exist.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.
deposit05	The system does not validate an account number that belongs to a different user.	Failed	-The .out file was not producing the correct messages.	-Fixed the program to match the expected output.

deposit06	Ensure the system prompts for the amount to be deposited and validates amounts that meet the requirements.	Failed	-The .bto file was incorrect. -The .out file was not producing the correct messages.	-Fixed the .bto file and program.
deposit07	Amounts that do not meet the requirements are not processed.	Failed	-The program allowed negative amounts.	-Fixed program to check for amounts being greater than 0.
deposit08	Ensure deposited funds are not available for use in the same session.	Failed	-The .bto file was incorrect with typos.	-Fixed the .bto file.

Create

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
create00	Ensures the system accepts the transaction if	Failed	-End-of-line error caused by the input file -Typo in etf	-Modified the input file -Added try to catch for handling amount

	logged in as admin			
create01	Ensures the system rejects the transaction if not logged in as admin.	Failed	-End-of-line error caused by the input file -typo in the bto file	-Modified the input file -fixed the bto file
create02	Ensures the system asks for the name of the account holder and accepts a valid name.	Failed	-Typo in bto file -Program says invalid balance when typed logout	-Fixed the bto -Fixed the etf - Added an if statement for checking if input is logout.
create03	Ensures the system does not accept invalid names	Failed	-	-
create04	Ensures the system asks for the initial balance of the account which should range from 0 to \$99999.99.	Failed	-Typo in etf file	-fixed the etf file
create05	Ensures the system rejects an invalid initial balance.	Failed		

Delete

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
delete00	Ensures the system accepts the transaction if logged in as admin	Failed	-Typo in etf -End of Line error caused by input file -.out file not giving output as expected	-Fixed typo -Modified the input file -Modified the
delete01	Ensures the system rejects the transaction if not logged in as admin.	Failed	-Typo in etf file - error in the bto file caused by the inp file	-fixed typo -fixed inp file
delete02	Ensures the system asks for an existing bank account holder's number	Failed	-typo in bto file	-Fixed typo
delete03	Ensures the system should reject a bank account holder's name that	Failed	-The .out file was not producing the correct messages.	-Fixed the transaction file to

	doesn't exist			
delete04	Ensures the system asks for an existing account number	Failed	-Typo in inp file -typo in bto file	-fixed the typo
delete05	Ensures the system should reject an account number that doesn't exist.	Passed	-	-

Disable

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
disable00	Ensures the system accepts the transaction if logged in as admin	Failed	-End of File error caused by input file	-fixed input file
disable01	Ensures the system rejects	Failed	-typo in etf file -typo in bto file	-fixed etf -fixed bto file

	the transaction if not logged in as admin.			
disable02	Ensures the system asks for an existing bank account holder's name.	Failed	-.out file doesnt match expectations as .bto file -typo in bto file	-modified the code to make the .out file work -fixed the bto file
disable03	Ensures the system should reject a bank account holder's name that doesn't exist	Failed	-typo in etf file -.out file isn't generating expected	- Fixed typo -Modified the code so that .out matches .bto
disable04	Ensures the system asks for an existing account number.	Failed	-End of file error in .out -typo in .etf	-Fixed the .inp file -fixed the typo in .etf
disable05	Ensures the system should reject an account number that doesn't exist.	Failed	-typo in .bto file -typo in .etf file	-fixed typo in .bto -fixed typo in .etf

ChangePlan

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
changeplan00	Ensure the system accepts a valid change plan request from an admin user.	Failed	-Incorrect request format. -Error in request validation logic.	-Fixed the request format. -Corrected validation logic.
changeplan01	The system should reject an invalid change plan request.	Failed	-Request was accepted when it should have been rejected.	-Updated request validation to reject invalid plans.
changeplan02	The system should log the change plan action correctly.	Failed	-Logging system not capturing all required details.	-Fixed logging system to capture all necessary details.
changeplan03	Ensure the system prompts for confirmation before executing a change plan.	Failed	-Confirmation prompt not triggered.	-Implemented prompt to confirm before executing the change plan.
changeplan04	The system should reject a change plan request if the account holder is incorrect.	Passed	-	-
changeplan05	The system should reject a change plan request if account	Failed	-Edge cases were not processed as expected.	-Handled edge cases to ensure proper request processing.

	number is incorrect			
changeplan06	The system should validate the change plan input data.	Failed	-Input validation was not correctly applied.	-Implemented strict input validation for change plans.
changeplan07	Ensure the system provides a success message when a change plan is successfully executed.	Failed	-No success message shown.	-Implemented success message post-execution.
changeplan08	Ensure the system logs any errors encountered during the change plan execution.	Failed	-Errors were not being logged properly.	-Fixed the error logging system to capture all errors during execution.

Logout

Test Name	Intention	Failure Status	Issue Found	Fix Implemented
logout00	Ensure the system logs the user out properly.	Failed	-Session not terminated correctly. The user still had access post-logout.	-Fixed session termination logic to properly log out users.
logout01	The system should clear user session data upon logout.	Failed	-Session data retained after logout.	-Fixed session clearing mechanism.
logout02	Ensure the system redirects to the login screen after logout.	Passed	-	-

logout03	The system should show an error message if an unauthorized logout attempt is made.	Failed	-No error message is displayed for unauthorized logout.	-Implemented error message for unauthorized logout attempts.
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