CSCI 3060U - Software Quality and Assurance

Project Phase I - Front-End Requirements (Test Cases List)
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Initial Test Cases List

Transaction	Test Name	Intention
Login	login01	Test Login, no username
	login02	Test Login, Valid privileged(Admin) username
	login03	Test Login, Invalid privileged(Admin) username
	login04	Test Login, Valid standard username
	login05	Test Login, Invalid standard username
	login06	Test subsequent Login, Valid privileged(Admin) username
	login07	Test subsequent Login, Valid standard username
Withdrawal	withdrawal01	Test Withdrawal privileged(Admin) user, Invalid account holdername
	withdrawal02	Test Withdrawal privileged(Admin) user, valid account holdername, Invalid account number
	withdrawal03	Test Withdrawal privileged(Admin) user, valid account holdername, valid account number, valid account number, Account balance less than 0
	withdrawal04	Test Withdrawal privileged(Admin) user, valid account number, Account balance greater than 0
	withdrawal05	Test Withdrawal standard user, Invalid account number,
	withdrawal06	Test Withdrawal standard user, valid account number, Account balance less than 0
	withdrawal07	Test Withdrawal standard user, valid account number, Account balance greater than 0
Transfer	transfer01	Test transferring funds between valid accounts.
	transfer02	Ensure transferring to the same account is not

		allowed.
	transfer03	Test transferring funds between accounts with insufficient balance in the source account.
	transfer04	Test transferring funds to a non-existent account.
	transfer05	Test transferring a negative amount (invalid input).
	transfer06	Test transferring funds with zero amount (invalid input).
	transfer07	Test transfer exceeding the $1000.00 limit in a standard session.
	transfer08	Ensure that the transfer from an account the user does not own is rejected.
	transfer09	Ensure admin can transfer between any accounts.
	transfer10	Test transferring funds with invalid characters in the amount.
	transfer11	Test with missing input fields.
	transfer12	Ensure transfers to/from inactive accounts are disabled.
Paybill	paybill01	Test paying a bill from a valid account with sufficient funds.
	paybill02	Test paying a bill from an account with insufficient funds.
	paybill03	Test paying a bill to a non-existent biller.
	paybill04	Test paying a bill with admin override for any account.
	paybill05	Test payment exceeding $2000.00 in a standard session.
	paybill06	Test paying a bill with zero amount (invalid input).
	paybill07	Test paying a bill when the account is inactive.
	paybill08	Test paying a bill with missing or incomplete input.
	paybill09	Test paying a bill with invalid characters in the amount.
Deposit	deposit01	Tests functionality of depositing money into

		valid(existing) accounts
	deposit02	Verifies that the system doesn't allow the deposit of funds into non-existing accounts
	deposit03	Tests that only admin is allowed to deposit into other accounts
	deposit04	Verifies that deposit amount doesn't exceed account balance limit
	deposit05	Verifies the functionality that the system doesn't allow negative deposit input
	deposit06	Verifies the functionality that the system doesn't allow invalid inputs for deposit amount (eg, character, alphabets)
	deposit07	Ensures account holder name is required when depositing money
	deposit08	Verifies the functionality that the deposit amount in unavailable to use during the current session
Create	create01	Tests that admin is able to create new accounts
	create02	Verifies that only admin is able to create a new account
	create03	Checks the functionality that initial balance is not blank
	create04	Verifies the system rejects invalid input for the initial balance
	create05	Verifies that system throws an error if account exceeds maximum balance limit
	create06	Verifies the functionality that doesn't allow the account holder name to be more that 20 characters
	create07	Checks the functionality that account holder name is not blank
	create08	Verifies that a newly created account cannot be used for transactions within the same session.
Delete	delete01	Tests that admin is able to delete accounts
	delete02	Verifies that only admin is able to delete an account
	delete03	Test the functionality that system throws an error if

		account number provided doesn't exist
	delete04	Tests if the system verifies the account number matches the account holder's name
	delete05	Checks if account number is not blank
	delete06	Checks if account holder name is not blank
	delete07	Checks the functionality where the system prevents deleting an already-deleted account.
	delete08	Confirms no transactions are allowed on an account after it is deleted
ChangePlan	changeplan01	Change from SP → NP for a valid active account.
	changeplan02	Attempt to change plan for a disabled account.
	changeplan03	Attempt to change plan without admin login.
	changeplan04	Attempt to change plan with an invalid account number.
	changeplan05	Attempt to change plan for a non-existent account holder name.
	changeplan06	Change from SP → NP and then back to SP in the same session
	changeplan07	Change from NP → SP for a valid active account
Disable	disable01	Disable an active account (valid name and account number).
	disable02	Attempt to disable an already disabled account.
	disable03	Attempt to disable without admin login.
	disable04	Attempt to disable using an invalid account number.
	disable05	Attempt to disable using a non-existent account holder name.
	disable06	Verify no transactions are accepted on a disabled account post-disable.
	disable07	Attempt to disable when already logged in as admin for another task.
logout	logout01	Successful logout after valid login and transactions as

		an admin.
	logout02	Attempt to logout without logging in.
	logout03	Attempt to logout immediately after logging in (no transactions performed).
	logout04	Verify session termination (no transactions accepted post-logout).
	logout05	Ensure Standard User Can Logout
	logout06	Attempt to logout multiple times in the same session.
	logout07	Successful logout after multiple valid transactions as admin
	logout08	Successful logout after multiple valid transactions as standard user
	logout09	Attempt to logout multiple times in the same session as a standard user
	logout10	Ensure session termination (no transactions accepted post-logout) as a standard user