

Software Quality Assurance - Phase 1

Part 1- Login

Transaction	TestName	Intention
Login	Login_1	User chooses what mode they want to use (standard or admin).
	Login_2	User enters an account number.
	Login_3	User enters an account name if admin mode is chosen.
	Login_4	User cannot make any other transaction other than login before a login is accepted.
	Login_5	User cannot perform another login after a login.
	Login_6	If the user is standard, only unprivileged transactions are accepted.
	Login_7	If the user is admin, all the transactions are accepted.

Part 2 - Login

This can be found in the Phase 2 - Part 2 folder.

Part 3 - Login

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Transfer test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as login input files, login output files, etc.

Input Files

All the input files are organized in a folder named "Login Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- Login_1_INP.txt
- Login_2_INP.txt

Output Files

All the output files are organized in a folder named "Login Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- Login_1_OUT.txt
- Login_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "Login Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- Login_1_TA.txt
- Login_2_TA.txt

Part 4 - Login

Requirement problem - Anyone can log in to the system without a dedicated password.

Part 1 - Withdrawal

Transaction	TestName	Intention
Withdrawal	Withdrawal_1	User's withdrawal transaction in admin mode is accepted if the account holder's name is valid.
	Withdrawal_2	User's withdrawal amount does not exceed \$500 in standard mode.
	Withdrawal_3	User's account balance after withdrawal is 0 dollars or over.
	Withdrawal_4	Users can do 1 or more withdrawal in one session.

Part 2 - Withdrawal

This part can be found in the Phase 2 - Part 2 folder.

Part 3 - Withdrawal

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Transfer test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as withdrawal input files, withdrawal output files, etc.

Input Files

All the input files are organized in a folder named "Withdrawal Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- Withdrawal_1_INP.txt
- Withdrawal_2_INP.txt

Output Files

All the output files are organized in a folder named "Withdrawal Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- Withdrawal_1_OUT.txt
- Withdrawal_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "Withdrawal Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- Withdrawal_1_TA.txt
- Withdrawal_2_TA.txt

Part 4 - Withdrawal

Requirement problem - How many times is a user allowed to withdraw in a day?

Part 1 - Transfer

Transaction	TestName	Intention
Transfer	Transfer_1	User's account name is validated for admin mode, if the user chose so.
	Transfer_2	User's balance is at least \$0 or over after the transfer.
	Transfer_3	Users can perform multiple transactions within the \$1000 session limit.
	Transfer_4	Users cannot make transfers past the \$1000 session limit.
	Transfer_5	Users cannot transfer if the account number entered is not valid in Admin mode.
	Transfer_6	Users cannot transfer the money if the account the money is being sent to is not valid.

Part 2 - Transfer

This can be found in the Part 2 - Phase 2 folder.

Part 3 - Transfer

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Transfer test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current

accounts files. These files are named according to their respective transaction names, such as transfer input files, transfer output files, etc.

Input Files

All the input files are organized in a folder named "Transfer Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt." For example:

- Transfer_1_INP.txt
- Transfer_2_INP.txt

Output Files

All the output files are organized in a folder named "Transfer Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt." For example:

- Transfer_1_OUT.txt
- Transfer_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "Transfer Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt." For example:

- Transfer_1_TA.txt
- Transfer_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the transfer test cases. For example:

- Transfer_1_CA.txt

Part 4 - Transfer

Requirement problem - Does not specify whether there is a limit to how many transfers someone could do in one session.

Part 1 - PayBill

Transaction	TestName	Intention
PayBill	PayBill_1	User's account name is validated for admin mode, if the user chose so.
	PayBill_2	User enters "The Bright Light Electric Company (EC)", "Credit Card Company Q (CQ)", or "Fast Internet, Inc (FI)" for the company name the bill is being paid to.
	PayBill_3	User can only send \$2000.00 or under if not logged in as admin.

	PayBill_4	Test that the account balance is at least \$0.00 after the bill is paid.
	PayBill_5	Test that the information entered is saved to the bank account transaction file.

Part 2 - PayBill

This can be found in the Part 2 - Phase 2 folder.

Part 3 - PayBill

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as PayBill test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as paybill input files, paybill output files, etc.

Input Files

All the input files are organized in a folder named "PayBill Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- PayBill_1_INP.txt
- PayBill_2_INP.txt

Output Files

All the output files are organized in a folder named "PayBill Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- PayBill_1_OUT.txt
- PayBill_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "PayBill Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- PayBill_1_TA.txt
- PayBill_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the paybill test cases.

- PayBill_1_CA.txt

Part 4 - PayBill

Requirement Problem - PayBill only allows for bills to be paid to certain companies.

Part 1 - Deposit

Transaction	TestName	Intention
Deposit	Deposit_1	User's account name is validated for admin mode, if the user chose to do so.
	Deposit_2	User enters a valid deposit amount.
	Deposit_3	User can do multiple deposits
	Deposit_4	User deposited funds aren't available in the current session.

Part 2 - Deposit

This can be found in the Part 2 - Phase 2 folder.

Part 3 - Deposit

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Deposit test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as paybill input files, paybill output files, etc.

Input Files

All the input files are organized in a folder named "Deposit Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- Deposit_1_INP.txt
- Deposit_2_INP.txt

Output Files

All the output files are organized in a folder named "PayBill Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- Deposit_1_OUT.txt
- Deposit_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "PayBill Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- Deposit_1_TA.txt
- Deposit_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the paybill test cases.

- PayBill_1_CA.txt

Part 4 - Deposit

Requirement problem - Does not give the user an option to deposit a cheque or cash

Part 1 - Create

Transaction	TestName	Intention
Transfer	Create_1	Users can only create accounts in Admin mode.
	Create_2	Users cannot have a name over 20 characters.
	Create_3	Users cannot have a starting balance over \$99,999.
	Create_4	Users are not able to access any other features in the same session.

Part 2 - Create

This can be found in the Part 2 - Phase 2 folder.

Part 3 - Create

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Create test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as create input files, create output files, etc.

Input Files

All the input files are organized in a folder named "Create Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- Create_1_INP.txt
- Create_2_INP.txt

Output Files

All the output files are organized in a folder named "Create Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- Create_1_OUT.txt
- Create_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "Create Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- Create_1_TA.txt
- Create_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the Create test cases.

- Create_1_CA.txt

Part 4 - Create

Requirement problem - Does not specify how many accounts are able to be opened in one session.

Requirement problem - Does not specify whether to add a pin to the new account created.

Part 1 - Delete

Transaction	TestName	Intention
Delete	Delete_1	User can only delete accounts in Admin mode.
	Delete_2	User enters a valid account number to delete.
	Delete_3	User enters a valid account name for deletion.
	Delete_4	A warning is issued before the account is deleted.
	Delete_5	Deleted user cannot login into the deleted account.

Part 2 - Delete

This can be found in the Part 2 - Phase 2 folder.

Part 3 - Delete

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Delete test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as delete input files, delete output files, etc.

Input Files

All the input files are organized in a folder named "Delete Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- Delete_1_INP.txt

- Delete_2_INP.txt

Output Files

All the output files are organized in a folder named "Delete Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- Delete_1_OUT.txt
- Delete_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "Delete Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- Delete_1_TA.txt
- Delete_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the delete test cases.

- Delete_1_CA.txt

Part 4 - Delete

Requirement problem - Should ask the user if they want to transfer or withdraw their existing funds before deletion

Part 1 - Disable

Transaction	TestName	Intention
Disable	Disable_1	User can only disable accounts in Admin mode.
	Disable_2	User enters a valid account number to be disabled.
	Disable_3	User enters a valid account name to be disabled.
	Disable_4	Users' information for the bank account transaction file is saved.
	Disable_5	User transactions should not be accepted on a disabled account.

Part 2 - Disable

This can be found in the Part 2 - Phase 2 folder.

Part 3 - Disable

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as Disable test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as disable input files, disable output files, etc.

Input Files

All the input files are organized in a folder named "Disable Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- Disable_1_INP.txt
- Disable_2_INP.txt

Output Files

All the output files are organized in a folder named "Disable Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- Disable_1_OUT.txt
- Disable_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "Disable Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- Disable_1_TA.txt
- Disable_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the disable test cases.

- Disable_1_CA.txt

Part 4 - Disable

Requirement Problem - Admin does not confirm with user that they would like their account to be disabled.

Part 1 - ChangePlan

Transaction	TestName	Intention
ChangePlan	ChangePlan_1	User can only change plans in Admin mode.
	ChangePlan_2	User enters a valid account name to be changed.
	ChangePlan_3	User enters a valid account number to be changed.
	ChangePlan_4	Users should set the bank account payment plan from Student

		(SP) to non-student (NP).
	ChangePlan_5	This information is saved to the bank account transaction file.

Part 2 - ChangePlan

This can be found in the Part 2 - Phase 2 folder.

Part 3 - ChangePlan

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as ChangePlan test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as ChangePlan input files, ChangePlan output files, etc.

Input Files

All the input files are organized in a folder named "ChangePlan Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- ChangePlan_1_INP.txt
- ChangePlan_2_INP.txt

Output Files

All the output files are organized in a folder named "ChangePlan Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- ChangePlan_1_OUT.txt
- ChangePlan_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "ChangePlan Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- ChangePlan_1_TA.txt
- ChangePlan_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the ChangePlan test cases.

- ChangePlan_1_CA.txt

Part 4 - ChangePlan

Requirement problem - Is there a certain amount of money that is in the bank account that will prevent the ability to change the plan.

Part 1 - LogOut

Transaction	TestName	Intention
LogOut	LogOut_1	User's bank account transaction file is written out.
	LogOut_2	Users cannot make any transactions after logging out except logging in.

Part 2 - LogOut

This can be found in the Part 2 - Phase 2 folder.

Part 3 - LogOut

In the Phase 1 - Part 2 folder, you will find all the transaction test cases, such as LogOut test cases, Withdrawal test cases, Login test cases, etc. Each folder is named after the corresponding transaction. Within these folders, you will find the input files, output files, transaction log files, and current accounts files. These files are named according to their respective transaction names, such as logout input files, logout output files, etc.

Input Files

All the input files are organized in a folder named "LogOut Input Files." Within this folder, each test case has an input file labeled with the suffix "_INP.txt."

- LogOut_1_INP.txt
- LogOut_2_INP.txt

Output Files

All the output files are organized in a folder named "LogOut Output Files." Within this folder, each test case has an output file labeled with the suffix "_OUT.txt."

- LogOut_1_OUT.txt
- LogOut_2_OUT.txt

Transaction Log Files

All the transaction log files are organized in a folder named "LogOut Transaction Log Files." Within this folder, each test case has a transaction file labeled with the suffix "_TA.txt."

- LogOut_1_TA.txt
- LogOut_2_TA.txt

Current Accounts Files

All the current accounts files are organized in a folder named "Current Accounts Files." Within this folder, there is one file labeled with the suffix "_CA.txt." This file is used for all the logout test cases.

- LogOut_1_CA.txt

Part 4 - Logout

Requirement problem - After logout it should print out a receipt for the user so the user can have a history of transactions.