Team QUN
Members: Kong Jie Wei, Joash, Zhuoyun Xu, Goh Ying Ting, Quentin Le Bars

login

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
No action before login	R1T1	LogoutBeforeLogin	Cannot logout before login	logout	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R1T2	CreateacctBeforeLogin	Cannot createacct before login	creatacct	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R1T3	DeleteacctBeforeLogin	Cannot deleteacct before login	deleteacct	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R1T3	DepositBeforeLogin	Cannot deposit before login	deposit	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R1T4	WithdrawBeforeLogin	Cannot withdraw before login	withdraw	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None

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	R1T5	TransferBeforeLogin	Cannot transfer before login	transfer	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R1T6	LoginBeforeOtherTransactions	Valid login	login	Valid Accounts List File 1234567 0000000	Prompt user for type of session	None
No subsequent login after a login	R1T7	LoginAfterLogin	Cannot login while already logged in	login login	Valid Accounts List File 1234567 0000000	Error prompt for user that he's already logged in	None
Ask user for type of session	R1T8	InvalidSessionType	Invalid session type	login 123	Valid Accounts List File 1234567 0000000	Error prompt for user to enter a valid session type	None
	R1T9	ValidSessionATM	Valid session - ATM	login machine	Valid Accounts List File 1234567 0000000	Prompt user to start transaction	None
	R1T10	ValidSessionTeller	Valid session - teller	login agent	Valid Accounts List File 1234567 0000000	Prompt user to start transaction	None

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logout

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
Logout accepted only after being logged in	R2T1	LogoutAfterLogout	Cannot logout after logout	login machine logout logout	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R2T2	CreateacctAfterLogout	Cannot createacct after logout	login machine logout createacct	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R2T3	DeleteacctAfterLogout	Cannot deleteacct after logout	login machine logout deleteacct	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R2T4	DepositAfterLogout	Cannot deposit after logout	login machine logout deposit	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R2T5	WithdrawAfte	Cannot withdraw a	login	Valid Accou	Error prompt for user t	None

		rLogout	fter logout	machine logout withdraw	nts List File 1234567 0000000	o login	
	R2T6	TransferAfterLogout	Cannot transfer after logout	login machine logout transfer	Valid Accounts List File 1234567 0000000	Error prompt for user to login	None
	R2T7	LogoutAfterLogin	Valid logout	login machine logout	Valid Accounts List File 1234567 0000000	Logout successful	Transaction Summary File EOS

createacct

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
Privileged transaction accepted only in agent mode	R3T1	CreateAccountATMMode	Cannot create account in ATM mode	login machine createacct	Valid Accounts List File 1234567 0000000	Error prompt for user to use agent mode	None
	R3T2	CreateAccount	Valid transaction	login	Valid Accou	Prompt user for new acc	None

		AgentMode		agent createacct	nts List File 1234567 0000000	ount number	
Account number must not begin with 0	R3T3	CreateAccount NumStartsWith 0	Cannot create an account number that starts with 0	login agent createacct 0123456	Valid Accounts List File 1234567 0000000	Error prompt for user that account number cannot start with 0	None
Account number is 7 digits long	R3T4	CreateAccount NumWithNonDig its	Account number must be in digits	login agent createacct qwertyu	Valid Accounts List File 1234567 0000000	Error prompt for user to input only digits	None
	R3T5	CreateAccount Num8Digits	Cannot create an account number that is not 7 digits long	login agent createacct 12345678	Valid Accounts List File 1234567 0000000	Error prompt for user to input 7 digits only	None
	R3T6	CreateAccount Num6Digits	Cannot create an account number that is not 7 digits long	login agent createacct 123456	Valid Accounts List File 1234567 0000000	Error prompt for user to input 7 digits only	None
	R3T7	CreateAccount Num7Digits	Valid account number	login agent	Valid Accounts List Fi	Prompt user for new account name	None

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				createacct 1234568	le 1234567 0000000		
Account number must be different from all other current account numbers	R3T8	CreateAccountNumMatchesAnExistingAccount	Cannot create an account number that matches an existing account	login agent createacct 1234567	Valid Accounts List File 1234567 0000000	Error prompt user that account number is already taken	None
Account name cannot begin with a space	R3T9	CreateAccountNameStartsWithASpace	Cannot create account name that starts with a space	login agent createacct 1234568 qw	Valid Accounts List File 1234567 0000000	Error prompt user that account name cannot start with a space	None
Account name cannot end with a space	R3T10	CreateAccountNameEndWithASpace	Cannot create account name that ends with a space	login agent createacct 1234568 qw	Valid Accounts List File 1234567 0000000	Error prompt for user that account name cannot end with a space	None
Account name must be between 3 to 30, using alphanumeric characters	R3T11	CreateAccountNameWith2Characters	Cannot create account name that is less than 3 characters	login agent createacct 1234568 qw	Valid Accounts List File 1234567 0000000	Error prompt for user to input 3 to 30 alphanumeric characters	None
	R3T12	CreateAccountNameWith31Characters	Cannot create account name that is more than 30 char	login agent createacct	Valid Accounts List File	Error prompt for user to input 3 to 30 alphanumeric characters	None

			acters	1234568 abcdefghijklm nopqrstuvwxyz abcde	1234567 0000000		
	R3T13	CreateAccount NameUsingNonA lphanumericCh aracters	Cannot create acc ount name using n on-alphanumeric c haracters	login agent createacct 1234568 qw@	Valid Accou nts List Fi le 1234567 0000000	Error prompt for user t o use only alphanumeric characters	None
	R3T14	CreateValidAc countNameWith 3Characters	Valid account nam e must be given	login agent createacct 1234568 qwe	Valid Accou nts List Fi le 1234567 0000000	Prompt user that accoun t has been successfully created	None
	R3T15	CreateValidAc countNameWith 30Characters	Valid account nam e must be given	login agent createacct 1234568 abcdefghijklm nopqrstuvwxyz abcd	Valid Accou nts List Fi le 1234567 0000000	Prompt user that accoun t has been successfully created	None
Transactions on new account mus t not be accept ed	R3T16	TransactionAf terCreateAcco unt	Cannot make a tra nsaction after cr eating an account	login agent createacct 1234568 qwerty	Valid Accou nts List Fi le 1234567 0000000	Error prompt for user t hat no transactions can be made after account c reation and to logout	None

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				deposit			
	R3T17	LogoutAfterCreateAccount	Valid transaction after creating account	login agent createacct 1234568 qwerty logout	Valid Accounts List File 1234567 0000000	Logout successful	Transaction Summary File NEW 1234568 000 0000000 qwerty EOS

deleteacct

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
Delete account accepted only in agent mode	R4T1	DeleteAccountATMMode	Cannot delete account in ATM mode	login machine deleteacct	Valid Accounts List File 1234567 0000000	Error prompt user that account cannot be deleted in machine mode	None
	R4T2	DeleteAccountAgentMode	Valid transaction	login agent deleteacct	Valid Accounts List File 1234567 0000000	Prompt user for account number	None
Account number must be valid	R4T3	DeleteInvalidAccountNum	Valid account number must be given	login agent deleteacct	Valid Accounts List File	Error prompt that user account does not exist	None

				9999999	1234567 0000000		
	R4T4	DeleteValidA ccountNum	Valid account num ber must be given	login agent deleteacct 1234567	Valid Accou nts List Fi le 1234567 0000000	Prompt user for account name	None
No transaction can be made on a deleted accou nt	R4T5	DepositAfter DeleteAccoun t	Cannot deposit in a deleted account	login agent deleteacct 1234567 qwerty deposit	Valid Accou nts List Fi le 1234567 0000000	Error prompt user that account has been delete d	None
	R4T6	WithdrawAfte rDeleteAccou nt	Cannot withdraw f rom a deleted acc ount	login agent deleteacct 1234567 qwerty withdraw	Valid Accou nts List Fi le 1234567 0000000	Error prompt user that account has been delete d	None
	R4T7	TransferAfte rDeleteAccou nt	Cannot transfer f rom a deleted acc ount	login agent deleteacct 1234567 qwerty transfer	Valid Accou nts List Fi le 1234567 0000000	Error prompt user that account has been delete d	None

	R4T8	LogoutAfterDeleteAccount	Valid transaction after deleting account	login agent deleteacct 1234567 qwerty logout	Valid Accounts List File 1234567 0000000	Logout successful	Transaction Summary File DEL 1234567 000 0000000 qwerty EOS

looked through till here ---- 4 oct 12.26PM ----
look through below and add valid test cases

<u>deposit</u>

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
Account number must be valid	R5T1	InvalidAccountNumberGiven	Valid account number must be given	login machine deposit 9999999	Valid Accounts List File 1234567 0000000	Error prompt that user account does not exist	None
	R5T2	ValidAccountNumberGiven	Valid account number must be given	login machine deposit 1234567	Valid Accounts List File 1234567 0000000	Prompt user for deposit amount	None
	R5T3	DepositOver20	Cannot deposit ab	login	Valid Accou	Error prompt for user	None

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Amount to deposit in cents cannot be above $2000 in ATM mode		00	ove $2,000 in ATM mode	machine deposit 1234567 200001	nts List File 1234567 0000000	to deposit no more than $2,000	
	R5T4	DepositEqual2000	Valid deposit amount in ATM mode	login machine deposit 1234567 200000 logout	Valid Accounts List File 1234567 0000000	Deposit of $2000 is successful	Transaction Summary File DEP 1234567 200000 0000000 *** EOS
	R5T5	DepositBelow2000	Valid deposit amount in ATM mode	login machine deposit 1234567 199999 logout	Valid Accounts List File 1234567 0000000	Deposit of $1999.99 is successful	Transaction Summary File DEP 1234567 199999 0000000 *** EOS
Amount to deposit in cents cannot be above $999999.99 for agent mode	R5T6	DepositOver999999.99	Cannot deposit above $999,999.99 in agent mode	login agent deposit 1234567 100000000	Valid Accounts List File 1234567 0000000	Error prompt for user to deposit no more that $999,999.99	None
	R5T7	DepositEqual999999.99	Valid deposit amount in agent mode	login agent deposit	Valid Accounts List File	Deposit of $999,999.99 is successful	Transaction Summary File DEP 1234567 9999

				1234567 99999999 logout	1234567 0000000		9999 0000000 *** EOS
	R5T8	DepositBelow9 99999.99	Valid deposit amount in agent mode	login agent deposit 1234567 99999998 logout	Valid Accounts List File 1234567 0000000	Deposit of $999,999.98 is successful	Transaction Summary File DEP 1234567 9999 9998 0000000 *** EOS
Daily amount to deposit in cents cannot be above $5000 in ATM mode	R5T9	DepositDailyOver5000	Cannot deposit above $5,000 per account daily in ATM mode	login machine deposit 1234567 200000 deposit 1234567 200000 deposit 1234567 1 logout	Valid Accounts List File 1234567 0000000	Deposit of $2000 is successful Deposit of $2000 is successful Error prompt for user to deposit no more than $5,000 daily	Transaction Summary File DEP 1234567 2000 00 0000000 *** DEP 1234567 2000 00 0000000 *** EOS
	R5T10	DepositDailyEqual5000	Valid daily deposit amount in ATM mode	login machine deposit 1234567 2000 deposit	Valid Accounts List File 1234567 0000000	Deposit of $2000 is successful Deposit of $2000 is successful Deposit of $1000 is successful	Transaction Summary File DEP 1234567 2000 00 0000000 *** DEP 1234567 2000 00 0000000 ***

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				1234567 2000 deposit 1234567 1000 logout				DEP 1234567 1000 00 0000000 *** EOS

<u>withdraw</u>

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
Account number must be valid	R6T1	InvalidAccount NumberGiven	Valid account number must be given	login machine withdraw 9999999	Valid Accounts List File 1234567 0000000	Error prompt that user account does not exist	None
	R6T2	ValidAccountNu mberGiven	Valid account number must be given	login machine withdraw 1234567	Valid Accounts List File 1234567 0000000	Prompt user for deposit amount	None
Amount to withdraw in cents cannot be above $1000 for ma	R6T3	WithdrawOver10 00	Cannot withdraw above $1000 in ATM mode	login machine withdraw 1234567 100001	Valid Accounts List File 1234567 0000000	Error prompt for user to withdraw no more than $1000	None

chine mode	R6T4	WithdrawEqual1000	Valid withdraw amount in ATM mode	login machine withdraw 1234567 100000 logout	Valid Accounts List File 1234567 0000000	Withdraw of $1000 is successful	Transaction Summary File WDR 1234567 100000 0000000 *** EOS
	R6T5	WithdrawBelow1000	Valid withdraw amount in ATM mode	login machine withdraw 1234567 99999 logout	Valid Accounts List File 1234567 0000000	Withdraw of $999.99 is successful	Transaction Summary File WDR 1234567 99999 0000000 *** EOS
Amount to withdraw in cents cannot be above $999999.99 for machine mode	R6T6	WithdrawOver999999.99	Cannot withdraw above $999,999.99 in agent mode	login agent withdraw 1234567 100000000	Valid Accounts List File 1234567 0000000	Error prompt for user to withdraw no more than $999,999.99	None
	R6T7	WithdrawEqual999999.99	Valid withdraw amount in agent mode	login agent withdraw 1234567 99999999 logout	Valid Accounts List File 1234567 0000000	Withdraw of $999,999.99 is successful	Transaction Summary File WDR 1234567 99999999 0000000 *** EOS
	R6T8	WithdrawBelow999999.99	Valid withdraw amount in agent mode	login agent withdraw	Valid Accounts List File	Withdraw of $999,999.98 is successful	Transaction Summary File WDR 1234567 9999

				1234567 99999998	1234567 0000000		9998 0000000 *** EOS
Daily amount to withdraw in cents cannot be above $5000 in ATM mode	R6T9	WithdrawDailyOver5000	Cannot withdraw above $5,000 per account daily in ATM mode	login machine withdraw 1234567 100000 withdraw 1234567 100000 withdraw 1234567 100000 withdraw 1234567 100000 withdraw 1234567 100000 withdraw 1234567 1 logout	Valid Accounts List File 1234567 0000000	Withdraw of $1000 is successful Withdraw of $1000 is successful Withdraw of $1000 is successful Withdraw of $1000 is successful Withdraw of $1000 is successful Error prompt for user to withdraw no more than $5,000 daily	Transaction Summary File WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** EOS
	R6T10	WithdrawDailyEqual5000	Valid daily withdraw amount in ATM	login machine withdraw 1234567	Valid Accounts List File 1234567	Withdraw of $1000 is successful Withdraw of $1000 is successful	Transaction Summary File WDR 1234567 100000 0000000 ***

| | | | mode | 100000 withdraw 1234567 100000 withdraw 1234567 100000 withdraw 1234567 100000 withdraw 1234567 100000 logout | 0000000 | Withdraw of $1000 is successful Withdraw of $1000 is successful Withdraw of $1000 is successful | WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** WDR 1234567 100000 0000000 *** EOS |

transfer

Requirement	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
Account numbers must be valid	R7T1	InvalidFromAccountNumberGiven	Valid account number to transfer from must be given	login machine transfer 9999999	Valid Accounts List File 1234567 1234568 0000000	Error prompt that user account does not exist	None

	R7T2	ValidFromAccountNumberGiven	Valid account number to transfer from must be given	login machine transfer 1234567	Valid Accounts List File 1234567 1234568 0000000	Prompt user for account to transfer to	None
	R7T3	InvalidToAccountNumberGiven	Valid account number to transfer to must be given	login machine transfer 1234567 9999999	Valid Accounts List File 1234567 1234568 0000000	Error prompt that user account does not exist	None
	R7T4	ValidToAccountNumberGiven	Valid account number to transfer to must be given	login machine transfer 1234567 1234568	Valid Accounts List File 1234567 1234568 0000000	Prompt user for amount to transfer	None
Amount to transfer in cents cannot be above $10000 for machine mode	R7T5	TransferOver10000	Cannot transfer above $10000 in ATM mode	login machine transfer 1234567 1234568 1000001	Valid Accounts List File 1234567 1234568 0000000	Error prompt for user to transfer no more than $10000	None
	R7T6	TransferEqual10000	Valid transfer amount in ATM mode	login machine transfer 1234567 1234568	Valid Accounts List File 1234567 1234568 0000000	Transfer of $10000 is successful	Transaction Summary File XFR 1234567 1000000 1234568 *** EOS

				1000000 logout			
	R7T7	TransferBelow10000	Valid transfer amount in ATM mode	login machine transfer 1234567 1234568 999999 logout	Valid Accounts List File 1234567 1234568 0000000	Transfer of $9999.99 is successful	Transaction Summary File XFR 1234567 999999 1234568 *** EOS
Amount to transfer in cents cannot be above $999999.99 for machine mode	R7T8	TransferOver999999.99	Cannot transfer above $999,999.99 in agent mode	login agent transfer 1234567 1234568 100000000	Valid Accounts List File 1234567 1234568 0000000	Error prompt for user to transfer no more than $999,999.99	None
	R7T9	TransferEqual999999.99	Valid transfer amount in agent mode	login agent transfer 1234567 1234568 99999999 logout	Valid Accounts List File 1234567 1234568 0000000	Transfer of $999,999.99 is successful	Transaction Summary File XFR 1234567 99999999 1234568 *** EOS
	R7T10	TransferBelow999999.99	Valid transfer amount in agent mode	login agent transfer 1234567	Valid Accounts List File 1234567 1234568	Transfer of $999,999.98 is successful	Transaction Summary File XFR 1234567 99999998 1234568 ***

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				1234568 99999998 logout	0000000		EOS
Daily amount to transfer in cents cannot be above $10000 in ATM mode	R7T11	TransferDailyOver10000	Cannot transfer above $10,000 per account daily in ATM mode	login machine transfer 1234567 1234568 1000000 transfer 1234567 1234568 1 logout	Valid Accounts List File 1234567 1234568 0000000	Transfer of $10000 is successful Error prompt for user to transfer no more than $10000 daily	Transaction Summary File XFR 1234567 1000 000 1234568 *** EOS