

**CMPE 327 - Assignment 1 Front End Requirements**

***Company Name*** Don't Test Me

Shwetha Sivakumar 10182229

Chaeme Vogue 20073188

Shaun Lund 10177325

Joseph Kachura 10182090

Front End Requirements Test Cases							
Requirements	Test No.	Test Name	Purpose	Input	Input Files	Output	Output Files
No transactions before login	R1T1	Idle logout	Can't logout before logging in	Logout	None	You must login first before you can execute any transactions.	None
	R1T2	Idle createacct	Can't create an account before logging in	Create	None	You must login first before you can execute any transactions.	None
	R1T3	Idle deleteacct	Can't delete an account before logging in	Delete	None	You must login first before you can execute any transactions.	None
	R1T4	Idle deposit	Can't deposit before logging in	Deposit	None	You must login first before you can execute any transactions.	None
	R1T5	Idle withdraw	Can't withdraw before logging in	Withdraw	None	You must login first before you can execute any transactions.	None
	R1T6	Idle transfer	Can't transfer between accounts before logging in	Transfer	None	You must login first before you can execute any transactions.	None
Only non-privileged actions are allowed if the user chooses 'machine' at login	R2T1	Idle createacct	Can't create an account in machine mode	Login Machine Create Logout	None	You must switch to privileged mode before you can execute this transaction.	None
	R2T2	Idle deleteacct	Can't delete an account in machine mode	Login Machine Delete Logout	None	You must switch to privileged mode before you can execute this	None

						transaction.	
No subsequent login should be accepted after first login - until a logout	R2T3	Idle multiple login	Cannot log in again if already logged in until logged out	Login Login	None	You cannot login until you've logged out of this session.	None
No transaction other than login should be accepted after logout	R2T6	Idle logout actions	Cannot perform any actions after logout	Login Logout Create Delete Deposit Withdraw Transfer	None	You must login before executing any transactions.	None
Create Account	R3T1	Idle createacct digits	Cannot have an account number that starts with a 0 or less than 7 decimal digits	Login Create 0000000 123 Logout	Valid account list	Your account number must not start with a 0 or be less than 7 digits long.	None
	R3T2	Idle createacct unique	Each account number must be different from existing accounts	Login Create 4567893 4567893 Logout	Valid account list	This account number already exists, please choose another one.	None
	R3T3	Idle createacct length	Account name must be between 3 - 30 alphanumeric characters, possibly including spaces	Login Create aa Logout	Valid account list	Your account name must be between 3 and 30 alphanumeric characters (it may include spaces).	None
Delete Account	R4T2	Idle deleteacct valid	Validates account number	Login Delete 6546789 Logout	Valid account list	This account number is not valid.	None
	R4T3	Idle deleteacct actions	Cannot perform a transaction on a deleted account	Login Delete 6546783 Logout Login Deposit 6546783 50000 Logout	Valid account list	This account has been deleted.	None

Deposit	R5T1	Idle depositrejectatm	Reject deposits above \$20000 in ATM mode	Login Machine Deposit 6546783 20,000 Logout	Valid account list	You cannot deposit more than \$20000 while in ATM mode.	None
	R5T2	Idle depositrejectagent	Reject deposits above \$999,999.99 if in agent mode	Login Agent Deposit 6546783 999999999 Logout	Valid account list	You cannot deposit more than \$999,999.99 while in ATM mode.	None
	R5T3	Idle depositrejectperday	Rejects deposits over \$5,000 per day	Login Deposit 6546783 600000 Logout	Valid account list	You cannot deposit more than \$5,000 in one day.	None
Withdrawal	R6T1	Idle withdrawal rejectatm	Rejects withdrawals over \$1000 per day in ATM mode	Login Machine Withdrawal 6546783 200000 Logout	Valid account list	You cannot withdraw more than \$1,000 while in ATM mode.	None
	R6T2	Idle withdrawal rejectagent	Rejects withdrawals over \$999,999.99 in agent mode	Login Agent Withdrawal 6546783 999999999 Logout	Valid account list	You cannot withdraw more than \$999,999.99.	None
	R6T3	Idle withdrawal rejectatm	Rejects withdrawal over \$5,000 per day in ATM mode	Login Machine Withdrawal 6546783 600000 Logout	Valid account list	You cannot withdraw more than \$5,000 per day while in ATM mode.	None
Transfer	R7T1	Idle transferrejectatm	Rejects transfers over \$10,000 in ATM mode	Login Machine Transfer 6546783 6546728 1100000 Logout	Valid account list	You cannot transfer more than \$10,000 while in ATM mode.	None
	R7T2	Idle transferaccounts	Allows transfers between accounts	Login Agent Transfer 6546783	Valid account list	Transfer successful	None

				6546728 500 Logout			
	R7T3	Idle transferou tput	Outputs transaction summary file	Login Agent Transfer 6546783 6546728 500 Logout	Valid account list	Transaction summary file	Transact ion summar y file