

Create Account Tests

- The account number will be checked first
- Therefore if we are testing the account name, the account number is valid

Test #	Desc	Purpose	Input	Input Files	Output Files	Terminal Output
T1	ATM case, create account	Reject attempt to create account on ATM	createacct	Valid accounts file	None	Error message telling users they can not create account on ATM
T2	agent case, create account, Invalid account number	Reject attempt to create account with number that already exists	createacct 1000327 Ben Lammers	Valid accounts file containing account 1000327	None	Error message telling users they can not use that account number
T3		Reject account numbers that start with 0	createacct 0000327 Ben Lammers	Valid accounts file	None	Error message telling users they can not use an account number starting with 0
T4		Reject numbers that are longer than 7 digits	createacct 213000327 Ben Lammers	Valid accounts file	None	Error message telling users that account number must be 7 digits
T5		Reject numbers that are shorter than 7 digits	createacct 327 Ben Lammers	Valid accounts file	None	
T6		Reject number that contain non-numeric characters	createacct 3435bbb Ben Lammers	Valid accounts file	None	Error message telling users that account number is invalid
T7	agent case, create account, invalid account name (assume valid account number)	Reject account name that is less than 3 characters	createacct 1000327 BL	Valid accounts file not containing 1000327	None	Error message telling users that name must be 3-30 characters long
T8		Reject account name that is more than 30 characters	createacct 1000327 'This account name is way too long'	Valid accounts file not containing 1000327	None	
T9	agent case, create account, invalid account name	Reject account name beginning with a space	createacct 1000327 BL	Valid accounts file not containing 1000327	None	Error message telling users that name can not start or end with a space

T10	agent case, create account, invalid account name	Reject account name ending with a space	createacct 1000327 BL(space)	Valid accounts file not containing 1000327	None	Empty, or possibly information messages in response to commands
T11	agent case, create account, Valid input	Accept account with valid account number and account name	createacct 1000327 Ben Lammers	Valid accounts file not containing 1000327	Transaction message containing create account transaction	Empty, or possibly information messages in response to commands

Create Account Tests Input/Output Examples

Test #	Input File Content	Output File Content
T1	<u>Valid Accounts File</u> 1000327 0000000	(empty)
T2 - T6	<u>Valid Accounts File</u> 30444933 1000327 0000000	
T7 - T9	<u>Valid Accounts File</u> 1003426 1003256 0000000	
T10	<u>Valid Accounts File</u> 1003426 1003256 0000000	<u>Transaction Message</u> "NEW 1000327 000 0000000 Ben Lammers"