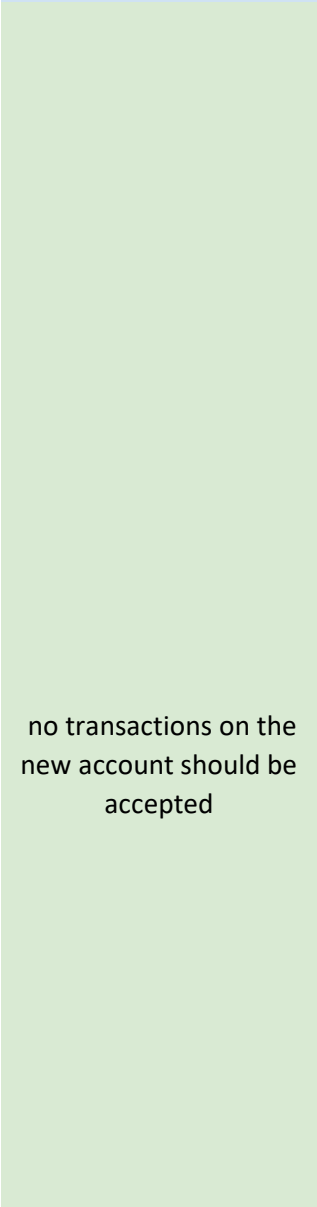
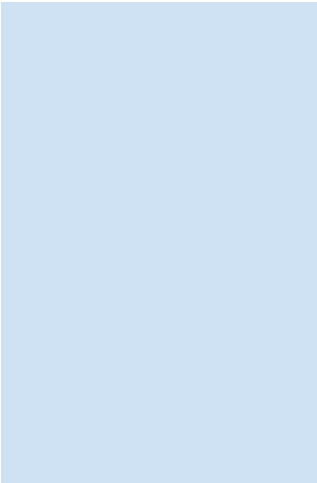


**Test cases for createacct**

| Requirement   | Test No. | Test Name   | Purpose   | Input   | Input Files              |
|---|----------|-------------|---|---|--------------------------|
| privileged transaction, only accepted in agent mode                     | R1T1-NEW | crAccMod e1 | check if create account is valid at logged in machine mode                                  | login<br>ATM<br>createacc /                                     |                          |
|   | R1T2-NEW | crAccMod e2 | check if create account is valid at logged in agent mode                                    | login<br>agent<br>createacc /                                   |                          |
| new account number is exactly seven decimal digits not beginning with 0 | R2T1-NEW | crAccNum 1  | check if new account number entered are all digits  | login<br>agent<br>createacc /<br>t<br>01234567                  |                          |
|   | R2T2-NEW | crAccNum 2  | check if new account number entered are all digits  | login<br>agent<br>createacc /<br>t                              |                          |
|   | R2T3-NEW | crAccNum 3  | check if new account number entered are exactly 7 in length                                 | login<br>agent<br>createacc /<br>t                              |                          |
|   | R2T4-NEW | crAccNum 4  | check if new account number entered are exactly 7 in length                                 | login<br>agent<br>createacc /<br>t<br>01234567                  |                          |
|   | R2T5-NEW | crAccNum 5  | check if new account number is exactly 7 in length and are all digits                       | login<br>agent<br>createacc /<br>t                              |                          |
|   | R2T6-NEW | crAccNum 6  | check if the first digit is zero  | login<br>agent<br>createacc /<br>t                              |                          |
|   | R2T7-NEW | crAccNum 7  | check if the first digit is zero  | login<br>agent<br>createacc /<br>t                              |                          |
| new account number must be different from                               | R3T1-NEW | crAccDup 1  | check if the new account number is exactly the same as the currently in-use account numbers | login<br>agent<br>createacc /<br>t<br>number entered<br>1234567 | valid accounts list file |

|   |              |                |  |  |                                |
|---|--------------|----------------|--|--|--------------------------------|
| all other current<br>account numbers  | R3T2-<br>NEW | crAccDup<br>2  | check if the new account number is<br>exactly the same as the currently in-<br>use account numbers | login<br>agent<br>createacc<br>t<br>number<br>entered<br>1234568   | valid<br>accounts<br>list file |
| new account name is<br>between 3 and 30<br>alphanumeric characters,<br>possibly including spaces<br>but not beginning or<br>ending with a space | R4T1-<br>NEW | crAccNam<br>e1 | check if the new account name<br>entered have minimum length 3 and<br>max length 30                | login<br>agent<br>createacc<br>t<br>(space)@(<br>login<br>agent<br>createacc<br>t<br>12<br>/<br>length31 |                                |
|   | R4T2-<br>NEW | crAccNam<br>e2 | check if the new account name<br>entered have minimum length 3 and<br>max length 30                | login<br>agent<br>createacc<br>t<br>CangLing9  |                                |
|   | R4T3-<br>NEW | crAccNam<br>e3 | check if lower case value and higher<br>case value are handled correctly                           | login<br>agent<br>createacc<br>t<br>(space)Ca  |                                |
|   | R4T4-<br>NEW | crAccNam<br>e4 | check if new account number<br>entered are valid characters( a-z, A-<br>Z, 0-9, space)             | login<br>agent<br>createacc<br>t<br>@ (space)  |                                |
|   | R4T5-<br>NEW | crAccNam<br>e5 | check if new account number<br>entered are valid characters( a-z, A-<br>Z, 0-9, space)             | login<br>agent<br>createacc<br>t<br>(space)Ca  |                                |
|   | R4T6-<br>NEW | crAccNam<br>e6 | check if new account number<br>entered including space at beginning<br>or end                      | login<br>agent<br>createacc<br>t<br>(space)Ca  |                                |



R4T7-NEW

crAccName7

check if new account number entered including space at beginning or end

login  
agent  
createacct  
CangLing97

R5T1-NEW

crAccTransactions1

no transactions on the new account should be accepted

login  
agent  
transfer  
/  
login agent withdraw /  
login agent deleteacct  
/  
login agent transfer login ATM transfer  
/  
login ATM withdraw /  
login ATM deleteacct  
/  
login ATM transfer

valid accounts list file and transaction summary file

valid accounts list file and transaction summary file

R5T2-NEW

crAccTransactions2

no transactions on the new account should be accepted

no transactions on the new account should be accepted

|   |          |             |   |  |   |
|---|----------|-------------|---|--|---|
|   | R5T3-NEW | crAccTrans3 | no transactions on the new account should be accepted                                 | login agent logout / login ATM logout          | valid accounts list file and transaction summary file |
| check if can create an account(use the same account number)that is previously deleted | R6T1-NEW | crDelAcc    | check if can create an account(use the same account number)that is previously deleted | login agent createact (deleted account)1234567 | valid accounts list file                              |

| Output  | Output Files |
|---|--------------|
| error prompt inform user to create account through agent              | /            |
| no output/ create account proceed to ask user to input account number | /            |
| no output, proceed to next test case                                  | /            |
| error prompt to inform user account number invalid                    | /            |
| no output, proceed to next test case                                  | /            |
| error prompt to inform user account number invalid                    | /            |
| no output, proceed to next test case                                  | /            |
| error prompt to inform user account number invalid                    | /            |
| no output/ create account proceed                                     | /            |
| no output/ create account proceed to ask user to input account name   | /            |

error prompt inform user the account  
number already in used /

no output, proceed to next test case /

error prompt inform user the account  
name invalid /

no output, proceed to next test case /

no output, proceed to next test case /

error prompt inform user account  
name invalid /

error prompt inform user account  
name invalid /

Account Created! list New Account  
Number and New Account Name

/Assume  
kept in  
track by  
hashmap  
to make  
sure data  
updated  
into  
Transacti  
on  
summary  
file

error prompt: no transactions on the /  
new account should be accepted

error prompt: no transactions on the /  
new account should be accepted

no output /

no output /