

## login

| Requirement  | Test No. | Test name          | Purpose   | Input   | Input file          |
|--|----------|--------------------|---|---|---------------------|
| No transaction before login  | R1T1     | idle logout        | Cannot logout before logging in   | logout  | None                |
|  | R1T2     | idle createacct    | Cannot create account before logging in   | createacct                                      | None                |
|  | R1T3     | idle deleteacct    | Cannot delete account before logging in   | deleteacct                                      | None                |
|  | R1T4     | idle deposit       | Cannot deposit before logging in  | deposit   | None                |
|  | R1T5     | idle withdraw      | Cannot withdraw before logging in   | withdraw  | None                |
|  | R1T6     | idle transfer      | Cannot transfer before logging in   | transfer  | None                |
| no subsequent login should be accepted after a login, until after a logout | R2T1     | subsequent login   | No subsequent login   | login-login                                     | None                |
| Only two modes are available   | R3T1     | illegal mode input | mode name other than "agent" and "machine" are illegal after login as machine mode, read valid accounts list file and accept only ATM transaction | login-anyinput other than "machine" and "agent" | None                |
|  | R3T2     | machine mode       | after login as agent mode, read valid accounts list file and accept any other transaction   | login-machine                                   | valid accounts list |
|  | R3T3     | agent mode         |   | login-agent                                     | valid accounts list |
| Machine mode only accepts ATM transaction and logout                       | R4T1     | machine-createacct | Cannot create account under ATM mode  | login-machine-createacct                        | None                |
|  | R4T2     | machine-deleteacct | Cannot delete account under ATM mode  | login-machine-deleteacct                        | None                |

|  |      |                       |  |                          |      |
|--|------|-----------------------|--|--------------------------|------|
| Agent mode<br>accepts all<br>transaction | R5T1 | agent-<br>transaction | agent mode<br>accepts all<br>transaction | agent-any<br>transaction | None |
|--|------|-----------------------|--|--------------------------|------|

| Output | Output file |
|--------|-------------|
|--------|-------------|

|                                    |      |
|------------------------------------|------|
| error prompt for<br>user to log in | None |
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|                                    |      |
|------------------------------------|------|
| error prompt for<br>user to log in | None |
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|                                    |      |
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| error prompt for<br>user to log in | None |
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|                                    |      |
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| error prompt for<br>user to log in | None |
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|                                    |      |
|------------------------------------|------|
| error prompt for<br>user to log in | None |
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|                                    |      |
|------------------------------------|------|
| error prompt for<br>user to log in | None |
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|                           |      |
|---------------------------|------|
| error subsequent<br>login | None |
|---------------------------|------|

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|-----------------------|------|
| error illegal<br>mode | None |
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|------|------|
| None | None |
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| None | None |
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|--------------------------------|------|
| error prompt for<br>agent mode | None |
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|                                |      |
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| error prompt for<br>agent mode | None |
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None

None