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**CISC 327 - Assignment 3: Failure Report**

**Login:**

|  |  |  |  |  |
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| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Login without VAL file | Scanner read non-existent line | Use of sc.nextline() when there are no more lines | Added if statement to check when there are no more lines to read |
| 2 | Other transaction before Login |  |  |  |
| 3 | Createacct/Deleteacct attempt at ATM mode Login |  |  |  |
| 4 | Createacct/Deleteacct attempt at agent mode Login | System was preventing new users from logging out | Lack of if statement for TransactionCode.EOS | Added if statement |
| 5 | Login after a successful Login |  |  |  |

**Logout:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Regular Logout |  |  |  |
| 2 | Logout before a login |  |  |  |
| 3 | Attempt transaction after Logout |  |  |  |

**Createacct:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Createacct in ATM mode |  |  |  |
| 2 | Create account in “agent” mode | Pass #1: Double space in command  Pass #2: Expected output file incorrect | #1: Invalid input  #2: No error in Code | #1: Screen commands in order to exclude extra spaces  #2: Corrected expected output file |
| 3 | Createacct attempt with an account number starting with 0 |  |  |  |
| 4 | Createacct attempt with an account number <7 digits |  |  |  |
| 5 | Createacct attempt with an account number >7 digits |  |  |  |
| 6 | Createacct attempt with an account number that has non-numeric digits |  |  |  |
| 7 | Createacct attempt with a pre-existing account number |  |  |  |
| 8 | Createacct attempt with an account name <3 characters |  |  |  |
| 9 | Createacct attempt with an account number >30 characters |  |  |  |
| 10 | Createacct attempt with an account number beginning with a space | n/a | n\a | Changed code to allow user to add any number of spaces in the input (no error, just changed code) |
| 11 | Createacct attempt with an account number ending with a space | n\a | n\a | Changed code to allow user to add any number of spaces in the input (no error, just changed code) |

**Deleteacct:**

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| --- | --- | --- | --- | --- |
| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Deleteacct in ATM mode |  |  |  |
| 2 | Deleteacct in agent mode |  |  |  |
| 3 | Deletacct attempt with an account number beginning with 0 |  |  |  |
| 4 | Deleteacct attempt with an account number <7 digits |  |  |  |
| 5 | Deletacct attempt with an account number >7 digits |  |  |  |
| 6 | Deletacct attempt with an account number that has non-numeric digits |  |  |  |
| 7 | Attempt transaction on a deleted account |  |  |  |

**Deposit:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Regular Deposit |  |  |  |
| 2 | Deposit with an illegal account number |  |  |  |
| 3 | Deposit with an illegal amount entered |  |  |  |
| 4 | Deposit above the limit - ATM mode |  |  |  |
| 5 | Deposit above the limit - Agent mode |  |  |  |

**Withdraw:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Regular Withdraw |  |  |  |
| 2 | Withdraw on an illegal account number |  |  |  |
| 3 | Withdraw an illegal amount |  |  |  |
| 4 | Above Withdraw limit for a single transaction - ATM mode |  |  |  |
| 5 | Above Withdraw limit - Agent mode |  |  |  |
| 6 | Above withdraw limit for multiple transactions - ATM mode |  |  |  |

**Transfer:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Feature being Tested** | **Nature of Failure** | **Error in Code** | **Actions taken to fix Error** |
| 1 | Regular Transfer |  |  |  |
| 2 | Transfer on an illegal account number |  |  |  |
| 3 | Transfer of an illegal amount |  |  |  |
| 4 | Above Transfer limit - ATM mode |  |  |  |
| 5 | Above Tranfer limit - agent mode |  |  |  |