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| **Story** | **Values to be inserted in the CLI** | **Results (to related inputs)** |
| **Transaction approved user story**: | - prim\_account\_num  = 96521435897563215  - expiry\_date = 05/23 |  |
| - trans\_amount = 2000.0  > max\_amount = 2500.0  - transaction\_date  = 22/02/2022 | \* isCardExpired  = TERMINAL\_OK  (Not expired.)  \* isBelowMaxAmount  = TERMINAL\_OK  (Below max amount) |
| - ST\_transaction\_t;  cardHolderData = c\_info  termData = t\_info  transtate = APPROVED  transactionSe  qNumber = 1000  ST\_accounts\_t;  from its databases  balance = 3000.0-trans\_amount = 2000.0  state = RUNNING  primaryAccoun  tNumber =  96521435897563215 | \* isValidAccount  = SERVER\_OK (ACCOUNT\_FOUND)  \* isBlockedAccount  = SERVER\_OK (RUNNING\_ACCOUNT)  \* isAmountAvailable  = SERVER\_OK ( Amount available)  \* recieveTransactionData  = ( Updating account balance..)APPROVED( APPROVED) |
| **Exceed the maximum amount user story:** | - expiry\_date = 05/23 |  |
| - trans\_amount = 2500.0  > max\_amount = 2000.0  - transaction\_date  = 22/02/2022 | \* isCardExpired  = TERMINAL\_OK  (Not expired.)  \* isBelowMaxAmount  = EXCEED\_MAX\_AMOUNT  (EXCEED\_MAX\_AMOUNT) |
|  |  |
| **Insufficient fund user story:** | - prim\_account\_num  = 45632587963215892  - expiry\_date = 05/23 |  |
| - trans\_amount = 2000.0  > max\_amount = 2500.0  - transaction\_date  = 22/02/2022 | \* isCardExpired  = TERMINAL\_OK  (Not expired.)  \* isBelowMaxAmount  = TERMINAL\_OK  (Below max amount) |
| - ST\_transaction\_t;  cardHolderData = c\_info  termData = t\_info  transtate = DECLINED\_INSUFFECIENT\_FUND  transactionSe  qNumber = ‘NA’  ST\_accounts\_t;  from its databases  balance = 1000.0  state = RUNNING  primaryAccoun  tNumber =  45632587963215892 | \* isValidAccount  = SERVER\_OK (ACCOUNT\_FOUND)  \* isBlockedAccount  = SERVER\_OK (RUNNING\_ACCOUNT)  \* isAmountAvailable  = LOW\_BALANCE ( LOW\_BALANCE)  \* recieveTransactionData  = DECLINED\_INSUFFECIENT\_FUND  ( DECLINED\_INSUFFECIENT\_FUND) |
| **Expired card user story:** | - prim\_account\_num  = 96521435897563215  - expiry\_date = 01/21 |  |
| - transaction\_date  = 22/02/2022 | \* isCardExpired  = EXPIRED\_CARD  ( EXPIRED\_CARD ) |
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| **Invalid card user story:** | - prim\_account\_num  = 23657896542147825  - expiry\_date = 05/23 |  |
| - transaction\_date  = 22/02/2022 | \* isCardExpired  = TERMINAL\_OK  (Not expired.) |
| - ST\_transaction\_t;  cardHolderData = c\_info  termData = t\_info  transtate = DECLINED\_STOLEN\_CARD  transactionSe  qNumber = ‘NA’  ST\_accounts\_t;  from its databases  balance = 4000.0  state = BLOCKED  primaryAccoun  tNumber =  23657896542147825 | \* isValidAccount  = SERVER\_OK (ACCOUNT\_FOUND)  \* isBlockedAccount  = BLOCKED\_ACCOUNT  (BLOCKED\_ACCOUNT)  \* recieveTransactionData  = DECLINED\_STOLEN\_CARD( DECLINED\_STOLEN\_CARD) |