※ Screenshots start on page three.

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| ***CMIS242 Project 2 Matrix*** | | | | | | | | |
| **Step** | **Account Number** | **Selected Account Type** | **Transaction** | **Transfer** | **Amount** | **Balance** | **Transaction Count (Total)** | **Message** |
| **Scenario 1: No Existing Checking Account** | | | | | | | | |
| 1 | 7321 | C | Balance |  |  | 0 |  | Could not find Checking for account 7321. |
| **Scenario 2: No Existing Savings Account** | | | | | | | | |
| 2 | 1234 | S | Balance |  |  | 0 |  | Could not find Savings for account 1234. |
| **Scenario 3: Processing a Savings Account** | | | | | | | | |
| 3 | 7623 | S | Balance |  |  | 2000.00 | 0 | The balance for 7623 Savings is $2000.00. |
| 4 |  |  | Deposit |  | 250 | 2250.00 | 0 | The balance for 7623 Savings after $250.00 deposit is $2250.00. |
| 5 |  |  | Withdraw |  | 50 | 2250.00 | 0 | Withdrawals must be in $20 increments. |
| 6 |  |  | Withdraw |  | 60 | 2190.00 | 0 | The balance for 7623 Savings after $60.00 withdrawal is $2190.00. |
| 7 |  |  | Deposit |  | 10 | 2200.00 | 0 | The balance for 7623 Savings after $10.00 deposit is $2200.00. |
| 8 |  |  | Balance |  |  | 2200.00 | 0 | The balance for 7623 Savings is $2200.00. |
| **Scenario 4: Processing a Checking Account and Transfer to Savings** | | | | | | | | |
| 9 | 3242 | C | Balance |  |  | 4612.00 | 3 | The balance for 3242 Checking is $4612.00. |
| 10 |  |  | Deposit |  | 356.72 | 4968.72 | 3 | The balance for 3242 Checking after $356.72 deposit is $4968.72. |
| 11 |  |  | Withdraw |  | 100 | 4868.72 | 4 | The balance for 3242 Checking after $100.00 withdrawal is $4868.72. |
| 12 | [3242] | S | Balance |  |  | 100.00 | 4 | The balance for 3242 Savings is $100.00. |
| 13 |  |  | Transfer | 500 | 500 | 600.00 | 4 | The balance for 3242 Savings after transfer of $500.00 from Checking is $600.00. |
|  |  | *[C]* |  |  | -500 | 4368.72 | 4 | The balance for 3242 Checking after transfer of $500.00 to Savings is $4368.72. |
| 14 |  |  | Withdraw |  | 200 | 398.50 | 5 | There have been more than 4 transactions for account 3242.  A service fee of $1.50 will be added.  The balance for 3242 Savings after $200.00 withdrawal and $1.50 service fee is $398.50. |
| 15 |  |  | Balance |  |  | 398.50 | 5 | The balance for 3242 Savings is $398.50. |
| 16 | [3242] | C | Balance |  |  | 4368.72 | 5 | The balance for 3242 Checking is $4368.72. |
| **Scenario 5: Insufficient Funds** | | | | | | | | |
| 17 | 9823 | S | Balance |  |  | 234.00 | 2 | The balance for 9823 Savings is $234.00. |
| 18 |  |  | Deposit |  | 6.50 | 240.50 | 2 | The balance for 9823 Savings after $6.50 deposit is $240.50. |
| 19 |  |  | Withdraw |  | 240 | 0.50 | 3 | The balance for 9823 Savings after $240.00 withdrawal is $0.50. |
| 20 |  |  | Withdraw |  | 60 | 0.50 | 3 | Insufficient Funds in 9823 Savings.  Current Balance: $0.50 |
| 21 | [9823] | C | Balance |  |  | 2345.00 | 3 | The balance for 9823 Checking is $2345.00. |
| 22 |  |  | Transfer | 45 |  |  |  | Insufficient Funds in 9823 Savings.  Current Balance: $0.50 |
| 23 |  |  | Close |  |  |  |  |  |

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| **Step 1** | **Step 2** |
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| **Step 3** | **Step 4** |
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| **Step 5** | **Step 6** |
|  |  |
| **Step 7** | **Step 8** |
|  |  |
| **Step 9** | **Step 10** |
|  |  |
| **Step 11** | **Step 12** |
|  |  |
| **Step 13** | **Step 14** |
|  |  |
| **Step 15** | **Step 16** |
|  |  |
| **Step 17** | **Step 18** |
|  |  |
| **Step 19** | **Step 20** |
|  |  |
| **Step 21** | **Step 23** |
|  |  |
| **Step 22** |
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