**Scenario 3: Account Operations Package**

**Tables Used**

* **Accounts** (main input/output)
* **Used with Customers table for balance calculation**

Before Operation (Initial Input Table)

Accounts Table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AccountID** | **CustomerID** | **AccountType** | **Balance** | **LastModified** |
| 1 | 1 | Savings | 1000 | 31-JUL-25 |
| 2 | 2 | Checking | 1500 | 31-JUL-25 |

**Operations**

1. OpenAccount(3, 1, 'Checking', 500)
2. GetTotalCustomerBalance(1)
3. CloseAccount(3)

**After Operation (Output Table)**

**After Opening Account 3:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AccountID** | **CustomerID** | **AccountType** | **Balance** | **LastModified** |
| 1 | 1 | Savings | 1000 | 31-JUL-25 |
| 2 | 2 | Checking | 1500 | 31-JUL-25 |
| 3 | 1 | Checking | 500 | 31-JUL-25 |

DBMS Output (after function call):

Total Balance for Customer 1: 1500

After Closing Account 3:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AccountID** | **CustomerID** | **AccountType** | **Balance** | **LastModified** |
| 1 | 1 | Savings | 1000 | 31-JUL-25 |
| 2 | 2 | Checking | 1500 | 31-JUL-25 |

DBMS Output (final):

Account 3 opened for customer 1

Total Balance for Customer 1: 1500

Account 3 closed