**Practical 4: Produce Test Cases of F008**

|  |  |
| --- | --- |
| **Course Code** | ***BIE30803*** |
| **Course Name** | ***PENGUJIAN PERISIAN*** |
| **Lecturer Name** | ***Dr. Noraini Binti Ibrahim*** |
| **Section** | **02** |
| **Student name** | **NURUL AMNI BINTI SAMSUDIN** |
| **RABIN DAS** |
| **Matric Number** | ***AI190008*** |
| **AI190001** |
| **Date of Submit** |  |

Lab: 04

Group: 12

# B. F008 Balance Inquiry

1. Based on the test conditions and test coverage in Practical 3, derive appropriate test cases for F008.
2. Document each of the test cases using a template in **Table 1**.

|  |  |  |
| --- | --- | --- |
| **Test Case ID** |  |  |
| **Related Feature ID** |  |  |
| **Objective** |  | |
| **Covered Test Coverage Items** |  | |
| **Input** | **Expected Result** | **Special Procedural Requirements** |
|  |  |  |

**Table 1: Inquiry Balance Test Case Template**

|  |  |  |
| --- | --- | --- |
| **Test Case ID** | TC-08-005 |  |
| **Related Feature ID** | F008 |  |
| **Objective** | Verify Account Type = 9 | |
| **Covered Test Coverage Items** | TCOV-08-003, TCOV-08-005, TCOV-08-010 | |
| **Input** | **Expected Result** | **Special Procedural Requirements** |
| Account Type = 9 | System displays error message “Invalid account type”. | None |

**Table 1.5: Verify Account Type = 9**

|  |  |  |
| --- | --- | --- |
| **Test Case ID** | TC-08-006 |  |
| **Related Feature ID** | F008 |  |
| **Objective** | Balance Inquiry Main Flow | |
| **Covered Test Coverage Items** | TCOV-08-001, TCOV-08-004, TCOV-08-007, TCOV-08-013, TCOV-08-017, TCOV-08-019, TCOV-08-021 | |
| **Input** | **Expected Result** | **Special Procedural Requirements** |
| User chooses “Balance Inquiry” in Transaction Menu | System requests for type of account to inquire | None |
| Valid account type = 1 | System ask whether user wants to perform another transaction. |
| User choose “No” | System terminates session and ejects card |

**Table 1.6: Balance Inquiry Main Flow**

|  |  |  |
| --- | --- | --- |
| **Test Case ID** | TC-08-007 |  |
| **Related Feature ID** | F008 |  |
| **Objective** | Balance Inquiry Alternate Flow – Invalid Account Type | |
| **Covered Test Coverage Items** | TCOV-08-003, TCOV-08-005, TCOV-08-09, TCOV-08-013, TCOV-08-016, TCOV-08-022, | |
| **Input** | **Expected Result** | **Special Procedural Requirements** |
| Invalid account = 4 | System displays error message “Invalid account type”. Then, system ask whether user wants to perform another transaction. | None |

**Table 1.7: Balance Inquiry Alternate Flow – Invalid Account Type**

|  |  |  |
| --- | --- | --- |
| **Test Case ID** | TC-08-00 |  |
| **Related Feature ID** | F008 |  |
| **Objective** | Balance Inquiry Alternate Flow – Cancel Balance Inquiry At Account Type Selection | |
| **Covered Test Coverage Items** | TCOV-08-015, TCOV-08-023 | |
| **Input** | **Expected Result** | **Special Procedural Requirements** |
| User presses “Cancel” button | System ask whether user wants to perform another transaction. | None |

**Table 1.8: Balance Inquiry Alternate Flow – Cancel Balance Inquiry At Account Type Selection**