**Category/Partition**

1. Large 0 กล่อง
2. Large 0 – 100 กล่อง
3. Large มากกว่า 100 กล่อง
4. Large น้อยกว่า 0 กล่อง
5. Medium 0 กล่อง
6. Medium 0 – 200 กล่อง
7. Medium มากกว่า 200 กล่อง
8. Medium น้อยกว่า 0 กล่อง
9. Small 0 กล่อง
10. Small 0 – 500 กล่อง
11. Small มากกว่า 500 กล่อง
12. Small น้อยกว่า 0 กล่อง

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case Design and Test Results** | | | | | | | | | | | | | |
|  |  | | | |  |  |  |  | |  |  | | |
| **Project Name:** | Shipping Problem | | | | | | | **Project ID:** | |  | | | |
| **Test Strategy:** | Category-partition method | | | | | | | **Designer:** | | อดิเทพ มานันที | | | |
| **Test Environment:** | |  | | | | | | | | | | | |
|  |  | | | |  |  |  |  | |  |  | | |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| เล็ก | กลาง | ใหญ่ |
| TC01 | 0 | 0 | 0 | [0, 0, 0] | | | | | [0, 0, 0] | | | Pass |
| TC02 | 0 | 0 | 65 | [65, 0, 0] | | | | | [65, 0, 0] | | | Pass |
| TC03 | 0 | 133 | 0 | [0, 133, 0] | | | | | [0, -1] | | | Fail |
| TC04 | 455 | 0 | 0 | [0, 0, 455] | | | | | [0, -1] | | | Fail |
| TC05 | 0 | 87 | 47 | [47, 87, 0] | | | | | [47, -1] | | | Fail |
| TC06 | 237 | 81 | 0 | [0, 81, 237] | | | | | [0, -1] | | | Fail |
| TC07 | 123 | 63 | 30 | [30, 63, 123] | | | | | [30, -1] | | | Fail |
| TC08 | -2 | 0 | 0 | [-1] | | | | | [0, 0, -4] | | | Fail |
| TC09 | 0 | -3 | 0 | [-1] | | | | | [-1, -3, -1] | | | Fail |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| เล็ก | กลาง | ใหญ่ |
| TC10 | 0 | 0 | -4 | [-1] | | | | | [-4, 0, 0] | | | Fail |
| TC11 | -1 | -5 | 0 | [-1] | | | | | [-2, -5, -1] | | | Fail |
| TC12 | 0 | -7 | -2 | [-1] | | | | | [-5, -1] | | | Fail |
| TC13 | -1 | 0 | -1 | [-1] | | | | | [-1] | | | Pass |
| TC14 | -8 | -6 | -9 | [-1] | | | | | [-13, -6, -1] | | | Fail |
| TC15 | 0 | 0 | 101 | [-1] | | | | | [-1] | | | Pass |
| TC16 | 0 | 201 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC17 | 501 | 0 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC18 | 0 | 103 | 51 | [-1] | | | | | [-1] | | | Pass |
| TC19 | 251 | 100 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC20 | 171 | 65 | 58 | [-1] | | | | | [-1] | | | Pass |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Scenario ID** | **Scenario Name** | **Test Case#** | **Pass** | **Fail** | **No run** | **Block** | **Remark** | **Defect ID** |
| EC-Lab5-02 | Shipping Problem | 20 | 9 | 11 | 0 | 0 |  |  |
| **รวม** | | 20 | 9 | 11 | 0 | 0 |  |  |