**Category/Partition**

1. กล่อง Large Size 0 กล่อง
2. กล่อง Large Size 0-500 กล่อง
3. กล่อง Large Size > 100 กล่อง
4. กล่อง Large Size < 100 กล่อง
5. กล่อง Medium Size 0 กล่อง
6. กล่อง Medium Size 0-500 กล่อง
7. กล่อง Medium Size > 500 กล่อง
8. กล่อง Medium Size > 500 กล่อง
9. กล่อง Small Size 0 กล่อง
10. กล่อง Small Size 0-500 กล่อง
11. กล่อง Small Size > 500 กล่อง
12. กล่อง Small Size < 500 กล่อง

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case Design and Test Results** | | | | | | | | | | | | | |
|  |  | | | |  |  |  |  | |  |  | | |
| **Project Name:** | Shipping Problem | | | | | | | **Project ID:** | |  | | | |
| **Test Strategy:** | Category-partition method | | | | | | | **Designer:** | | นายยศนนท์ ดวงไข | | | |
| **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 | 99 | [99, 0, 0] | | | | | [99, 0, 0] | | | Pass |
| TC03 | 0 | 199 | 0 | [0, 199, 0] | | | | | [0, -1] | | | Fail |
| TC04 | 499 | 0 | 0 | [0, 0, 499] | | | | | [0, -1] | | | Fail |
| TC05 | 0 | 99 | 49 | [49, 99, 0] | | | | | [49, -1] | | | Fail |
| TC06 | 249 | 99 | 0 | [0, 99, 249] | | | | | [0, -1] | | | Fail |
| TC07 | 149 | 69 | 34 | [34, 69, 149] | | | | | [34, -1] | | | Fail |
| TC08 | 0 | 0 | 101 | [-1] | | | | | [-1] | | | Pass |
| TC09 | 0 | 201 | 0 | [-1] | | | | | [-1] | | | Pass |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| เล็ก | กลาง | ใหญ่ |
| TC10 | 501 | 0 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC11 | 0 | 101 | 50 | [-1] | | | | | [-1] | | | Pass |
| TC12 | 251 | 100 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC13 | 166 | 67 | 56 | [-1] | | | | | [-1] | | | Pass |
| TC14 | 0 | 0 | -1 | Invalid input | | | | | [-1, 0, 0] | | | Fail |
| TC15 | 0 | -1 | 0 | Invalid input | | | | | [0, -1, 0] | | | Fail |
| TC16 | -1 | 0 | 0 | Invalid input | | | | | [0, 0, -2] | | | Fail |
| TC17 | 0 | -1 | -1 | Invalid input | | | | | [-1, -1, 0] | | | Fail |
| TC18 | -1 | -1 | 0 | Invalid input | | | | | [0, -1, -2] | | | Fail |
| TC19 | -1 | -1 | -1 | Invalid input | | | | | [-1, -1, -2] | | | Fail |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Scenario ID** | **Scenario Name** | **Test Case#** | **Pass** | **Fail** | **No run** | **Block** | **Remark** | **Defect ID** |
| EC-Lab5-02 | Shipping Problem | 19 | 8 | 11 | 0 | 0 |  |  |
| **รวม** | | 19 | 8 | 11 | 0 | 0 |  |  |