**Category/Partition**

Category/Partition

1. smallSize | 0, 1 - 499, 500 , < 0 (invalid) , >500 (invalid)
2. mediumSize | 0, 1 - 199, 200 , < 0 (invalid) , >200 (invalid)
3. largeSize | 0, 1 - 99, 100 , < 0 (invalid) , >100 (invalid)

| **Test Case Design and Test Results** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | |  |  |  |  | |  |  | | |
| **Project Name:** | Shipping Problem | | | | | | | **Project ID:** | | CP01 | | | |
| **Test Strategy:** | Category-partition method | | | | | | | **Designer:** | | นายธงชัย สีสาร 663380595-6 | | | |
| **Test Environment:** | | **Eclipse IDE for Java** | | | | | | | | | | | |
|  |  | | | |  |  |  |  | |  |  | | |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| smallSize | mediumSize | largeSize |
| CP01 | 0 | 0 | 0 | 0,0,0 | | | | | 0,0,0 | | | Pass |
| CP02 | 1 | 0 | 0 | 0,0,1 | | | | | 0,-1 | | | Fail |
| CP03 | 499 | 0 | 0 | 0,0,499 | | | | | 0,-1 | | | Fail |
| CP04 | 500 | 0 | 0 | 0,0,500 | | | | | -1 | | | Fail |
| CP05 | 0 | 1 | 0 | 0,1,0 | | | | | 0,-1 | | | Fail |
| CP06 | 0 | 199 | 0 | 0,199,0 | | | | | 0,-1 | | | Fail |
| CP07 | 0 | 200 | 0 | 0,200,0 | | | | | -1 | | | Fail |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| smallSize | mediumSize | largeSize |
| CP08 | 0 | 0 | 1 | 1,0,0 | | | | | 1,0,0 | | | Pass |
| CP09 | 0 | 0 | 99 | 99,0,0 | | | | | 99,0,0 | | | Pass |
| CP10 | 0 | 0 | 100 | 100,0,0 | | | | | -1 | | | Fail |
| CP11 | 501 | 0 | 0 | -1 | | | | | -1 | | | Pass |
| CP12 | 0 | 201 | 0 | -1 | | | | | -1 | | | Pass |
| CP13 | 0 | 0 | 101 | -1 | | | | | -1 | | | Pass |
| CP14 | 500 | 200 | 100 | -1 | | | | | -1 | | | Pass |
| CP15 | 499 | 199 | 99 | -1 | | | | | -1 | | | Pass |
| CP16 | 1 | 1 | 1 | 1,1,1 | | | | | 1,-1 | | | Fail |
| CP17 | 0 | 200 | 100 | -1 | | | | | -1 | | | Pass |
| CP18 | 500 | 0 | 100 | -1 | | | | | -1 | | | Pass |
| CP19 | 500 | 200 | 0 | -1 | | | | | -1 | | | Pass |
| CP20 | 0 | 199 | 100 | -1 | | | | | -1 | | | Pass |

| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| smallSize | mediumSize | largeSize |
| CP21 | 499 | 200 | 0 | -1 | | | | | -1 | | | Pass |
| CP22 | 500 | 199 | 0 | -1 | | | | | -1 | | | Pass |
| CP23 | 0 | 0 | 100 | 100,0,0 | | | | | -1 | | | Fail |
| CP24 | 0 | 200 | 0 | 0,200,0 | | | | | -1 | | | Fail |
| CP25 | 500 | 0 | 0 | -1 | | | | | -1 | | | Pass |
| CP26 | 300 | 100 | 30 | -1 | | | | | -1 | | | Pass |
| CP27 | 501 | 201 | 101 | -1 | | | | | -1 | | | Pass |

| **Scenario ID** | **Scenario Name** | **Test Case#** | **Pass** | **Fail** | **No run** | **Block** | **Remark** | **Defect ID** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EC-Lab5-02 | Shipping Problem | 27 | 16 | 11 |  |  |  |  |
| **รวม** | | 27 |  |  |  |  |  |  |