# Test Description

**Test Name or ID**: TA01

**Test Type**: Acceptance test

**Description**: Check if all the requirements have met the customer’s requirement.

**Setup:** Feeding the input according to customer’s input.

**Test Function**:

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| Invalid destination | Weight = 20 box size = 0.5 destination = 28x | Prompt “Invalid destination” | Invalid destination | Pass |
| Invalid size | Weight = 20 box size = 2 destination = 12L | Prompt “Invalid size” | Invalid size | Pass |
| Invalid weight | Weight = 1005 box size = 0.5 destination = 12L | Prompt “Invalid weight” | Invalid weight | Pass |
| Blue line with no diversion | Weight = 20  box size = 0.5  destination = 12L | Prompt “BLUE LINE, no diversion” | Blue line no diversion points | Pass |
| Green line with diversion | Weight = 200  box size = 1.0  destination = 8Y | Prompt “Ship on GREEN LINE, divert: 7T, 7U, 7V, 7W, 7X, 7Y, 8Y” | GREEN LINE, divert: 7T, 7U, 7V, 7W, 7X, 7Y, 8Y | Pass |
| Green line with diversion a 2nd time | Weight = 500  box size = 1.0  destination = 8Y | Prompt “Ship on GREEN LINE, divert: 7T, 7U, 7V, 7W, 7X, 7Y, 8Y” | GREEN LINE, divert: 7T, 7U, 7V, 7W, 7X, 7Y, 8Y | Pass |
| Blue line with diversion | Weight = 500  box size = 1.0  destination = 8Y | Prompt “Ship on BLUE LINE, divert 18V, 17V, 16V, 15V, 14V, 13V, 12V, 11V, 10V, 9V, 8V, 7V, 7W, 7X, 7Y, 8Y” | BLUE LINE, divert 18V, 17V, 16V, 15V, 14V, 13V, 12V, 11V, 10V, 9V, 8V, 7V, 7W, 7X, 7Y, 8Y | Pass |
| Exit test | 0 0 X | Prompt “Thanks for shipping with Seneca!” | Thanks for shipping with Seneca!” | Pass |
| Test if user fills all trucks | 1000 .5 12L  1000 .5 12L  1000 .5 12L | “No trucks can take the package!”  package.weight = -1 | “No trucks can take the package!”  package.weight = -1 | Pass |
| Test if user picks middle building square and not an edge | 20 .5 14N | “BLUE LINE, no diversion” | “BLUE LINE, no diversion” | Pass |

**Bugs Found**:

Description of each bug found above and how to reproduce it.