**ACCEPTANCE TESTS**

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| Acceptance  Test # | Business  Requirements | Description | Test Data | Expected Result |
| Test1 | R001 | Tests all valid variables and package destination closest to green truck.  package size = 0.50 | init()  struct Shipment package = {10, 0.5, {7, 24}} | 4 |
| Test2 | R001 | Tests with all valid variables and package destination closest to green truck  The package size is 0.25 | init()  struct Shipment package = {10, 0.25, {7, 24}} | 4 |
| Test3 | R001 | Tests with all valid variables and package destination closest to green truck  The package size is 1 | init()  struct Shipment package = {10, 1, {7, 24}} | 4 |
| Test4 | R001 | Tests with all valid variables, except invalid package size and package destination closest to green truck.  The package size is 0.75 (invalid) | init()  struct Shipment package = {10, 0.75, {7, 24}} | -1 |
| Test5 | R002 | Tests with all valid variables and package destination closest to green truck  The package weight is 999 | Init()  struct Shipment Package = {1000, 0.5, {7,24}} | 4 |
| Test6 | R002 | Tests with all valid variables and package destination closest to green truck  The package weight is 1 | Init()  struct Shipment Package = {1000, 0.5, {7,24}} | 4 |
| Test7 | R002 | Tests with all valid variables and package destination closest to green truck  The package weight is 0 | Init()  struct Shipment Package = {1000, 0.5, {7,24}} | -1 |