# Test Description

**Test Name or ID**: Testing for validatePackageBox

**Test Type**: Black box and white box

**Description:** Testing the function which checks if the user’s input for the size of package box within the specified size range

**Setup:** To carry out testing of this function, linking to the Visual Studio Unit Testing template will be performed and assert method AreEqual will be used.

**Test Function**: int validatePackageBox(double);

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| |  | | --- | | **Black box:**  **Validation for package SIZE input** | |  | |  | |  | |  | |  | | 0.25 | TRUE | TRUE | **PASS** |
| 0.5 | TRUE | TRUE | **PASS** |
| 1 | TRUE | TRUE | **PASS** |
| 0.24 | FALSE | FALSE | **PASS** |
| -0.5 | FALSE | FALSE | **PASS** |
| 1.1 | FALSE | FALSE | **PASS** |
| Black box:  Validation for package SIZE input | 0.25 | TRUE | TRUE | **PASS** |
| 0.5 | TRUE | TRUE | **PASS** |
| 1 | TRUE | TRUE | **PASS** |
| 0.75 | FALSE | FALSE | **PASS** |
| # | FALSE | FALSE | **PASS** |

**Bugs Found**:

All test passed. No bugs found.