# Test Description

**Test Name or ID**: Testing for destination input

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

**Description**: Validation for destination input

**Setup:** Linking the function validateDestination() to unit test and use assert (AreEqual) for testing. If the expected result matches the actual results, test case pass.

**Test Function**: int validateDestination(char\* dest);

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| Black Box:  Validation for DESTINATION input | 7A | TRUE | TRUE | **PASS** |
| 13A | TRUE | TRUE | **PASS** |
| 26A | FALSE | FALSE | **PASS** |
| 12Z | FALSE | FALSE | **PASS** |
| A7 | FALSE | FALSE | **PASS** |
| ABC123 | FALSE | FALSE | **PASS** |
| X | TRUE | FALSE | **FAIL** |
| \0 | FALSE | FALSE | **PASS** |
| NULL | FALSE | (Error message: Exception Code - C0000005) | **FAIL** |
| !@#$%^ | FALSE | FALSE | **PASS** |
| White Box:  Validation for DESTINATION input | 5F | TRUE | TRUE | **PASS** |
| 1A | FALSE | TRUE | **FAIL** |
| 24Y | TRUE | FALSE | **FAIL** |
| 23Y | TRUE | NOT RUN | **NOT RUN** |
| 225U | FALSE | FALSE | **PASS** |
| $#%2345sdsa | FALSE | FALSE | **PASS** |

**Bugs Found**:

The function validateDestination() is not accepting valid input and not rejecting invalid output at this stage, user cannot exit from the program. One test case cannot run.