# Test Description

**Test Name or ID**: Testing for the valid destination coordinates (if the destination is not the coordinates of the building or any other obstacle)

**Test Type**: white box

**Description**: Function that validates destination input according to the passed parameters

**Setup:** The function can be tested either in two ways. The first method will be Unit Testing Framework with AreEqual() or IsTrue() methods. However, since this function accepts three parameters, it would be difficult and time consuming to test it on Unit Testing Framework. Instead, the second approach would be testing it on another source file with a small piece of code. Final decision about testing approach will be made by the team leader and testers.

**Test Function**: int isDestinationValid(const struct Map\* routeMap, int destRow, int destCol)

**Test Scenarios:**

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| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| Validation for the return value of destination coordinates | (TBC) | (TBC) | (TBC) | (TBC) |
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**Bugs Found**: