Final Test Report

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| Test\_Type | Function | Test\_ID | Bugs fixed | Passed |
| Blackbox | getSuitableTruck | IT001 | Array corruption is handled in prompt stage | passed |
| Blackbox | loadShipmentToTruck | IT002 | Wrong index is validated in the prompt stage | passed |
| Blackbox | showMapAndRoute | IT003 | The bugs don’t need to be fixed. It will filtered at other stages | passed |
| Blackbox | displayShipmentInfo | IT004 |  | passed |
| Blackbox | Shipment readShipInfo | IT005 |  | passed |
| Blackbox | populateMap | IT006 |  | passed |
| Blackbox | getNumRows | IT007 | The bug need not be fixed. The wrong return will filtered at previous stages | passed |
| Blackbox | getNumCols | IT008 | The bug need not be fixed. The wrong return will filtered at previous stages | passed |
| Blackbox | printMap | IT009 |  | passed |
| Blackbox | addRoute | IT010 |  | passed |
| Blackbox | addPointToRoute | IT011 |  | passed |
| Blackbox | getBlueRoute | IT012 |  | passed |
| Blackbox | getGreenRoute | IT013 |  | passed |
| Blackbox | getYellowRoute | IT014 |  | passed |
| Blackbox | getClosestPoint | IT015 |  | passed |
| Blackbox | eqPt | IT016 |  | passed |
| Blackbox | addPointToRouteIfNot | IT017 |  | passed |
| Blackbox | addPointToRoute | IT018 |  | passed |
| Blackbox | distance | IT019 |  | passed |
| Blackbox | shortestPath | IT020 |  | passed |
| Blackbox | getPossibleMoves | IT021 |  | passed |
| Whitebox | getSuitableTruck | WT001 | The wrong index is handled on the other stage of the program. | passed |
| Whitebox | loadShipmentToTruck | WT002 |  | passed |
| Whitebox | showMapAndRoute | WT003 |  | passed |
| Whitebox | displayShipmentInfo | WT004 |  | passed |
| Whitebox | Shipment readShipInfo | WT005 | Wrong exit input bug has been fixed. | passed |
| Whitebox | populateMap | WT006 |  | passed |
| Whitebox | getNumRows | WT007 | The reported bug is not a bug. | passed |
| Whitebox | getNumCols | WT008 | The reported bug is not a bug. | passed |
| Whitebox | printMap | WT009 |  | passed |
| Whitebox | addRoute | WT010 |  | passed |
| Whitebox | addPointToRoute | WT011 |  | passed |
| Whitebox | getBlueRoute | WT012 |  | passed |
| Whitebox | getGreenRoute | WT013 |  | passed |
| Whitebox | getYellowRoute | WT014 |  | passed |
| Whitebox | getClosestPoint | WT015 |  | passed |
| Whitebox | eqPt | WT016 |  | passed |
| Whitebox | addPointToRouteIfNot | WT017 |  | passed |
| Whitebox | addPointToRoute | WT018 |  | passed |
| Whitebox | distance | WT019 |  | passed |
| Whitebox | shortestPath | WT020 |  | passed |
| Whitebox | getPossibleMoves | WT021 |  | passed |
| Integration | getBlueRoute  getGreenRoute  getYellowRoute  populateMap | IT001 |  | passed |
| Integration | readShipInfo  getSuitableTruck  loadShipmentToTruck  showMapAndRoute | IT002 | Doesn’t handle wrong destination where there is a building. It’s being fixed | passed |
| Integration | getSuitableTruck  loadShipmentToTruck  showMapAndRoute  displayShipmentInfo | IT003 |  | passed |
| Acceptance |  | AT001 | It’s been going on. |  |
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