**Final Test Report**

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| Function/acceptance/requirement | Test Run | Bugs Fixed | Passed |
| Test Type: Blackbox testing  Function: displayDeliveryMenu()  Requirements: R001 | T001 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: checkWeight()  Requirements: R002 | T002 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: checkbox()  Requirement: R003 | T003 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: checkDestination()  Requirement: R003, R004 | T004 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: main  Requirement: R006 | T005 | A variable was given the wrong data type | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: selectTruck()  Requirement: R007 | T006 | Program was not keeping track of how much weight each truck was carrying | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: getUserInput()  Requirement: R004 | T007 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: getDivertedRoute()  Requirement: R004 | T008 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Blackbox testing  Function: getArrLength()  Requirement: R004 | T009 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: displayDeliveryMenu()  Requirement: R002, R003, R007 | T010 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: checkWeight()  Requirement: R002, R003, R007 | T011 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: checkbox()  Requirement: R002, R003, R007 | T012 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: checkDestination()  Requirement: R002 | T013 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: selectTruck()  Requirement: R002 | T014 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: getUserInput()  Requirement: R002 | T015 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: getDivertedRoute()  Requirement: R002 | T016 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: getArrLength()  Requirement: R001 | T017 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: checkDestination()  Requirement: R001 | T018 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: checkWeight()  Requirement: R003 | T019 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Whitebox testing  Function: selectTruck()  Requirement: R003 | T020 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Functions: checkDestination(), checkbox()  Requirement: R001, R002, R007 | T021 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: selectTruck(), getUserInput()  Requirement: R001, R003, R007 | T022 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: main, selectTruck()  Requirement: R001, R002, R003, R007 | T023 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: getUserInput, getDivertedRoute()  Requirement: R001, R002, R003, R005, R007 | T024 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: getDivertedRoute(), getArrInput()  Requirement: R002, R003, R005, R007 | T025 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: main, getDivertedRoute()  Requirement: R002 | T026 | Test worked properly but fixed a bug to better the programs performance, fixed the code to make sure the program only processes the data if user entered 3 inputs. | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: main, getUserInput(), selectTruck(), getDivertedRoute()  Requirement: R001, R002, R003 | T027 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: checkWeight(), checkbox()  Requirement: R001, R002 | T028 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Integration testing  Function: checkDestination(), checkbox()  Requirement: R001, R002 | T029 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Acceptances testing  Function: all functions  Requirement: R001, R002, R003, R004, R005, R006, R007 | T031 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Acceptances testing  Function: all functions  Requirement: R001, R002, R003, R005, R006, R007 | T032 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Acceptances testing  Function: all functions  Requirement: R001, R002, R003, R004, R005, R006, R007 | T033 | No bugs found | Checkbox Checked with solid fill |
| Test Type: Acceptances testing  Function: all functions  Requirement: R001, R002, R003, R004, R005, R006, R007 | T034 | No bugs found | Checkbox Checked with solid fill |