

Team 14 test Report

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Date of test: 4/8/2019

Reason for test: initial system test

Test Case	Pass/Fail	Expected Output	Actual Output
1:	Pass	The timer records the time, all cars are able to reach their destination in under 30 minutes, and cars and traffic lights behave as expected	As expected
2:	Pass	The cars all follow the same path as they did in the previous test case	As expected
3:	Fail	The user will be unable to change any intersections while the simulation is running and the simulation will be able to reset and start again	The user was unable to change any intersections while the sim was running but the simulation was unable to start again after being reset the first time

Date of test: 4/22/2019

Reason for test: Regression Testing

Test Case	Pass/Fail	Expected Output	Actual Output
1:	Pass	The timer records the time, all cars are able to reach their destination in under 30 minutes, and cars and traffic lights behave as expected	As expected
2:	Pass	Car 1 and Car 11 follow the same path to their destination, since they have the same start and end points	As expected

3:	Pass	The user will be unable to change any intersections while the simulation is running and the simulation will be able to reset and start again	As expected
4:	Pass	The new sensor-based traffic lights change as expected, and cars obey the rules of the road when interacting with them	As expected