Program Test Data Sheet

Program Name: Car Application Developer Name: Mikael Taylor Date Tested: 3/4/16

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| **Test Run** | **User Input**  Ex. Weight = 140 | **Desk Check Results**  Calculate by hand and record results | **Program Executed Results**  Run program and record how program executed, include modifications needed, if any |
| **Test 1 – Using Valid Data**  Use valid data | 1990 Dodge Ram | Should show us the car’s info, and speed when brake or accelerate are pressed. | Displayed car name, model and year in car output label.  Accelerate added 5 to the speed.  Brake subtracted 5 to return to 0. |
| **Test 2 – Incorrect data types**  Use a different data type than expected, ex. B for a number | (blank) | Should shoot an error message | Prompts for valid entries with the addition of pressing the submit button. |
| **Test 3 – Out of range data values**  Use values outside of the expected range. If range is 0-10, then use a -9 or 12 | 1200 Dodge Ram | Should shoot an error message | Asks for valid entry for the year, as the first possible ‘car’ was created in 1807. |
| **Test 4 – User defined test**  Create your own test data and record the results | 2019 Dodge Ram | Should shoot an error message | Asks for valid entry for the year, as that car has yet to be created yet. (‘car’ in this instance refers to a truck) |
| **Test 5 – User defined test**  Create your own test data and record the results | 1967 Dodge Charger | Should show us the car’s info, and speed when brake or accelerate are pressed. | Displayed car name, model and year in car output label.  Accelerate added 5 to the speed.  Brake subtracted 5 to return to 0. |