## Test Plan & Log

**Author of test plan & log : Janali Faquir**

**Name of tester : Janali Faquir**

**Date of testing :**

**Description of Item to Be Tested:**

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| CarName may not be blank - Max 50 characters |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | 0 characters | Fail |  |
| Min (Boundary) | 3 characters “aaa” | Pass |  |
| Min +1 | 4 characters “aaaa” | Pass |  |
| Max -1 | 49 characters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaa” | Pass |  |
| Max (Boundary) | 50 characters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaa” | Pass |  |
| Max +1 | 51 characters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Mid | 23 characters “aaaaaaaaaaaaaaaaaaaaaa” | Pass |  |
| Extreme Max | 60 chracters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Invalid data type | NA |  |  |
| Other tests | NA |  |  |

**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| Model may not be blank - Max length is 25 |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | Blank | Fail |  |
| Min (Boundary) | 1 characters “a” | Pass |  |
| Min +1 | 2 characters “aa” | Pass |  |
| Max -1 | 24 characters “aaaaaaaaaaaaaaaaaaaaaaaa” | Pass |  |
| Max (Boundary) | 25 characters “aaaaaaaaaaaaaaaaaaaaaaaaa” | Pass |  |
| Max +1 | 26 characters “aaaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Mid | 13 characters “aaaaaaaaaaaaa” | Pass |  |
| Extreme Max | 100 characters  “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Invalid data type | N/A |  |  |
| Other tests | N/A |  |  |

**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| BodyType may not be blank - Max length 20 chracters |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | Blank | Fail |  |
| Min (Boundary) | 3 characters “aaa” | Pass |  |
| Min +1 | 4 characters “aaaa” | Pass |  |
| Max -1 | 19 characters “aaaaaaaaaaaaaaaaaaa” | Pass |  |
| Max (Boundary) | 20 characters “aaaaaaaaaaaaaaaaaaa” | Pass |  |
| Max +1 | 21 characters “aaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Mid | 10 characters “aaaaaaaaaa” | Pass |  |
| Extreme Max | 60 chracters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Invalid data type | N/A |  |  |
| Other tests | N/A |  |  |
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**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| YearMade. The value contains the date of when the car was made. Must be set as a value and may not be left blank |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | 3 characters “aaa” | Fail |  |
| Min (Boundary) | 4 characters “aaaa” | Pass |  |
| Min +1 | 5 characters “aaaaa” | Pass |  |
| Max -1 | 9 characters “aaaaaaaaa” | Pass |  |
| Max (Boundary) | 10 characters “aaaaaaaaaa” | Pass |  |
| Max +1 | 11 characters “aaaaaaaaaaa” | Fail |  |
| Mid | 5 characters “aaaaa” | Pass |  |
| Extreme Max | 15 characters “aaaaaaaaaaaaaaa” | Fail |  |
| Invalid data type | NA |  |  |
| Other tests | NA |  |  |

**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| SomeColour parameter of the Valid method of clsColour |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | Blank string | Fail |  |
| Min (Boundary) | 3 characters “aaa” | Pass |  |
| Min +1 | 4 characters “aaaa” | Pass |  |
| Max -1 | 15 characters “aaaaaaaaaaaaaaa” | Pass |  |
| Max (Boundary) | 16 characters “aaaaaaaaaaaaaaaa” | Pass |  |
| Max +1 | 17 characters “aaaaaaaaaaaaaaaaa” | Fail |  |
| Mid | 8 characters “aaaaaaaa” | Pass |  |
| Extreme Max | 50 chracters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Invalid data type | NA |  |  |
| Other tests | NA |  |  |

**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| ColourName may not be blank - Max 16 characters |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | 0 characters | Fail |  |
| Min (Boundary) | 3 characters “aaa” | Pass |  |
| Min +1 | 4 characters “aaaa” | Pass |  |
| Max -1 | 15 characters “aaaaaaaaaaaaaaa” | Pass |  |
| Max (Boundary) | 16 characters “aaaaaaaaaaaaaaaa” | Pass |  |
| Max +1 | 17 characters “aaaaaaaaaaaaaaaaa” | Fail |  |
| Mid | 8 characters “aaaaaaaa” | Pass |  |
| Extreme Max | 50 characters “aaaaaaaaaaaaaaaaaaaaaaaa  aaaaaaaaaaaaaaaaaaaaaaaaa” | Fail |  |
| Invalid data type | NA |  |  |
| Other tests | NA |  |  |

**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| ColourNo field which stores the colour number from the list of colours. |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | 3 character “123” | Fail |  |
| Min (Boundary) | 4 characters “1234” | Pass |  |
| Min +1 | 5 characters “12345” | Pass |  |
| Max -1 | 6 characters “123456” | Pass |  |
| Max (Boundary) | 7 characters  “1234567” | Pass |  |
| Max +1 | 8 characters  “12345678” | Fail |  |
| Mid | 2 characters  “12” | Pass |  |
| Extreme Max | 50 characters  “1234567891012345678910123456789101234567891012345678910” | Fail |  |
| Invalid data type | N/A |  |  |
| Other tests | N/A |  |  |

**Additional Notes / Instructions:**

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**Description of Item to Be Tested:**

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| Price: Required field of maximum length 9 characters. |

**Required Field Y / N**

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| **Test Type** | **Test Data** | **Expected Result** | **Actual Result** |
| Extreme Min | N/A | N/A |  |
| Min -1 | 199.00 | Fail |  |
| Min (Boundary) | 200.00 | Pass |  |
| Min +1 | 201.00 | Pass |  |
| Max -1 | 4,999,999.00 | Pass |  |
| Max (Boundary) | 5,000,000.00 | Pass |  |
| Max +1 | 5,000,001.00 | Fail |  |
| Mid | 2,500,000.00 | Pass |  |
| Extreme Max | 8,000,000.00 | Fail |  |
| Invalid data type | N/A |  |  |
| Other tests | N/A |  |  |
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**Additional Notes / Instructions:**

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