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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 1 | Check the validity of data as a boolean type. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean Validator.IsBoolean(String field, out Boolean aBoolean) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 1.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 1,2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 2 | Check the validity of data as an Int32 type. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean Validator.IsInt32(String field, out int anInteger) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 2.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 2.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 2.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| **Test Scenario ID** | **Test Description** | | | | |
| 3 | Check the validity of data as a hex colour code formatted data entry. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean Validator.IsHexColourCode(String hexColour) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 3.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 3.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 3.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 4 | Check validity of a KeyValue entry. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean KeyValue.TryParse(String originalKeyValueData, String keyPattern, out KeyValue aKeyValue) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 4.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 4.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 4.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 5 | Check the scoring and handling of valid and invalid Crozzles. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | String Crozzle.Score() | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 5.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 5.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 5.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| **Test Scenario ID** | **Test Description** | | | | |
| 6 | Check for duplicate words within valid and invalid data files. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | void CrozzleSequences.CheckDuplicateWords(int lowerLimit, int upperLimit) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 6.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 6.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 6.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| **Test Scenario ID** | **Test Description** | | | | |
| 7 | Check the validity of a Crozzle from input provided. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | void Crozzle.Validate() | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 7.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 7.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 7.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 8 | Check the HTML generation and output for the provided Crozzle. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | String Crozzle.ToStringHTML() | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 8.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 8.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 8.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | **Test Description** | | | | |
| 9 | Calculate the number of separated word groups within a Crozzle. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Int CrozzleMap.GroupCount() | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 9.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 9.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 9.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| **Test Scenario ID** | **Test Description** | | | | |
| 10 | Check the validity of a configuration file. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean Configuration.TryParse(String path, out Configuration aConfiguration) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 10.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 10.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 10.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| **Test Scenario ID** | **Test Description** | | | | |
| 11 | Check the validity of a word list file. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean WordList.TryParse(String path, Configuration aConfiguration, out WordList aWordList) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 11.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 11.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 11.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on

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| **Test Scenario ID** | **Test Description** | | | | |
| 12 | Check the validity of a Crozzle file. | | | | |
| **Test Method** | **Method Tested** | | | | |
|  | Boolean Crozzle.TryParse(String path, Configuration aConfiguration, WordList wordList, out Crozzle aCrozzle) | | | | |
| **Test Case ID** | **Parameters** | **Expected Data** | **Actual Data** | **Test Result** | **Test Comments** |
| 12.1 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 12.2 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |
| 12.3 | COMPLETE THIS FIELD | COMPLETE THIS FIELD |  |  |  |

**Data References**

1. Data or filename
2. Data or filename
3. and so on