| Test ID | Requirement | Component | Method | Tested Input | Expected outcome | Pass/Fail |
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| 01 | Tests the method compareNaturalAscii when the value for s is greater than the value for t | NaturalStrings.java | compareNaturalAscii(String s, String t) | s: “adc”<br>t: “abc” | A value greater than 0 | Pass (returns 2) |
| 02 | Tests the method compareNaturalAscii when the value for t is greater than the value for s | NaturalStrings.java | compareNaturalAscii(String s, String t) | s: “adc”<br>t: “abc” | A value less than 0 | Pass (returns -2) |
| 03 | Tests the method compareNaturalIgnoreCaseAscii when the value for s is equal to the value for t | NaturalStrings.java | compareNaturalIgnoreCaseAscii(String s, String t) | s: “ABC”<br>t: “abc” | 0 | Pass |
| 04 | Tests the method compareNaturalAscii when the value for t is greater than the value for s | NaturalStrings.java | compareNaturalAscii(String s, String t) | s: “Abc”<br>t: “adC” | A value less than 0 | Pass(returns -32) |
| 05 | The person can be reached through the user | User.java | Public person User(Person) | “Male” | “Male” | Pass |
| 06 | Tests the compareTo method on how it handles when the first low inputted is greater than the second low and the first high is greater than the second high | DoubleRange.java | CompareTo(DoubleRange other) | Range1 = low 78.9, high 90.1<br><br>Range2 = low 34.0, high 56.0 | 1 | Pass |
| 07 | Tests the compareTo method on how it handles when the first low inputted is less than the second low and the first high value is greater than the second high value | DoubleRange.java | CompareTo(DoubleRange other) | Range1 = low 34.0, high 90.1<br><br>Range2 = low 34.0, high 56.0 | -1 | Pass |

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| 08 | Tests the compareTo method on how it handles when the first low value inputted is equal to the second low value and the first high value is equal to the second high value | DoubleRange.java | CompareTo(DoubleRange other) | Range1 = low 34.0, high 34.0<br><br>Range2 = low 34.0, high 34.0 | 0 | Pass |
| 09 | Test the from Specification method when a string is given as an argument | LocaleUtility.java | fromSpecification(String localeSpecification) | “eg_US_36” | “eg_US_36” | Pass |
| 10 | Test inputs a role and confirms the role was added | User.Java | hasRole(String r) | “CEO” | True | Pass |
| 11 | Test inputs a role and confirms if the role makes the user a superuser | User.java | IsSuperUser() | “System Developer” | True | Pass |
| 12 | Test inputs a role and confirms if the role makes the user a superuser | User.java | IsSuperUser() | “Graphic Designer” | False | Pass |
| 13 | Test if the method contains can detect if the double value is in the range | DoubleRange.java | contains(double d) | 20.9 | True | Pass |
| 14 | Test inputs two allergens and sees if they’re the same | Allergy.java | hasSameAllergen(Allergy allergy) | “DRUG” | True | Pass |
| 15 | Test inputs two allergens and sees if they’re the same | Allergy.java | hasSameAllergen(Allergy allergy) | “DRUG”, “FOOD” | False | Pass |
| 16 | Test if the method contains can detect if the double value is in the range, if the range is inclusive | DoubleRange.java | contains(double d) | 10.0 | True | Pass |
| 17 | Tests if the method supportsPropertyName returns false when a designated property name is not entered | LocaleUtility.java | supportsPropertyName(String propertyName) | “hello” | False | Pass |

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| 18 | Tests if the method CompareNaturalAscii returns 0 if the two string arguments are equal | NaturalStrings.java | compareNaturalAscii(String s, String t) | s: “abc”<br>t: “abc” | 0 | Pass |
| 19 | Test if the method contains can detect if the double value is not in the range | DoubleRange.java | contains(double d) | 0.0 | False | Pass |
| 20 | Tests if two Providers are the same | ProviderByPersonNameComparator.java | compare(Provider provider1, Provider provider 2) | Provider(1), Provider(1) | 0 | Pass |
| 21 | Tests the formatPercentage method when a null value is passed as an argument | Format.java | formatPercentage( double pct) | null | “ “ | Pass |
| 22 | Tests the format method when a null value is passed as an argument | Format.java | format(double d) | null | “ “ | Pass |
| 23 | Tests the format method when a double is passed as an argument | Format.java | format(double d) | 0.98 | 0.98 | Pass |
| 24 | Tests the formatPercentage method when a double is passed as an argument | Format.java | formatPercentage( double pct) | 0.98 | 98% | Pass |
| 25 | Tests if two Users are the same | UserByNameComparator.java | compare(User user1, User user2) | User(1)<br>User(1) | 1 | Pass |