

| DisasterVictim                          |  |  |
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| Test Name                               | Description  | Test Value(s)  |
| testDisasterVictimSetDateOfBirth        | Date of birth should be plausible and not imply an invalid human age (<0 or >120)  | 1902-04-07   |
| testDisasterVictimSetFirstName          | setFirstName() should modify the firstName attribute and set it to the new value. We can test by using getFirstName()                            | Biggs used in constructor, Jack used in setFirstName().  |
| testDisasterVictimSetLastName           | setLastName() should modify the lastName attribute and set it to the new value. We can test by using getLastName()                               | Boss used in setLastName().  |
| testDisasterVictimSetDateOfBirth        | setDateOfBirth() should modify the dateOfBirth attribute and set it to the new value. We can test by using getDateOfBirth()                      | 1964-04-07 used in setDateOfBirth().   |
| testDisasterVictimSetGender             | setGender() should modify the gender attribute and set it to the new value. We can test by using getGender()                                     | Male used in setGender().  |
| testDisasterVictimSetComments           | setComments() should modify the comments attribute and set it to the new value. We can test by using getComments()                               | "Found under rubble" used in setComments().  |
| testDisasterVictimSetMedicalRecords     | setMedicalRecords() should modify the medicalRecords attribute and set it to the new value. We can test by using getMedicalRecords()             | {testMedicalRecord1, testMedicalRecord2} arrays of MedicalRecord objects passed into setMedicalRecords() |
| testDisasterVictimSetPersonalBelongings | setPersonalBelongings() should modify the personalBelongings attribute and set it to the new value. We can test by using getPersonalBelongings() | {testSupply1, testSupply2} arrays of Supply objects into setPersonalBelongings()                         |
| testDisasterVictimSetFamilyConnections  | setFamilyConnections() should modify the familyConnections attribute and set it to the new value.  | {testFamilyConnection1, testFamilyConnection2}   |

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|                            | We can test by using<br>getFamilyConnections()  | FamilyRelation object arrays<br>passed into<br>setFamilyConnections                      |
| testAddSupply              | addSupply () should modify<br>the personalBelongings<br>attribute and add to it the<br>new supply. We can test by<br>using<br>getPersonalBelongings()                         | {testSupply}<br>Supply object specified into<br>personalBelongings.                      |
| testRemoveSupply           | removeSupply() should<br>modify the<br>personalBelongings<br>attribute and remove a<br>supply given in the<br>arguments. We can test by<br>using<br>getPersonalBelongings()   | {testSupply}<br>Supply object specified into<br>personalBelongings.                      |
| testAddFamilyConnection    | addFamilyConnections()<br>should modify the<br>familyConnections attribute<br>and add to it the new value.<br>We can test by using<br>getFamilyConnections()                  | {testFamilyConnection}<br>FamilyRelation object<br>specified into<br>personalBelongings. |
| testRemoveFamilyConnection | removeFamilyConnections()<br>should modify the<br>familyConnections attribute<br>and remove from it the<br>value specified. We can test<br>by using<br>getFamilyConnections() | {testFamilyConnection}<br>FamilyRelation object<br>specified into<br>personalBelongings. |

| FamilyRelation        |  |   |
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| Test Name             | Description  | Test Value(s)   |
| testSetPersonOne      | setPersonOne() should modify the<br>personOne attribute and change it<br>to the new DisasterVictim. We can<br>test by using getPersonOne()               | {testDisasterVictim1}<br>DisasterVictim object specified into<br>personOne. |
| testSetRelationshipTo | setRelationshipTo() should modify<br>the relationshipTo attribute and<br>change it to new relationshipTo.<br>We can test by using<br>getRelationshipTo() | Kazuhira Miller used in<br>setRelationShipTo()                              |
| testSetPersonTwo      | setPersonTwo() should modify the<br>personTwo attribute and change it<br>to the new DisasterVictim. We can<br>test by using getPersonTwo()               | {testDisasterVictim2}<br>DisasterVictim object specified into<br>personTwo. |

| Location                 |   |   |
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| Test Name                | Description   | Test Value(s)   |
| testLocationSetName      | setName() should modify the name attribute and update it with the new value. We can test this with getName()                | Mississauga used in constructor. Wembly used in setName()                                       |
| testLocationSetAddress   | SetAddress() should modify the address attribute and update it with the new value. We can test this with getAddress().      | 1320 22 St. Used in constructor. 777 Applebottom ave. Used in setAddress().                     |
| testLocationSetOccupants | SetOccupants() should modify the occupants attribute and update it with the new value. We can test this with getOccupants() | {testDisasterVictim1, testDisasterVictim2}<br>DisasterVictim arrays passed into setOccupants(). |
| testLocationSetSupplies  | SetSupplies() should modify the supplies attribute and update it with the new value. We can test using getSupplies().       | {testSupply1, testSupply2, testSupply3}<br>Used in setSupplies()                                |
| testAddOccupant          | AddOccupant() should add an occupant to the list of occupants. We can test this with getOccupants()                         | {testDisasterVictim}<br>DisasterVictim object specified in addOccupant()                        |
| testRemoveOccupant       | RemoveOccupant() should remove an occupant from the list of occupants. We can test this with getOccupants()                 | {testDisasterVictim}<br>DisasterVictim object specified in removeOccupant                       |
| testAddSupply            | AddSupply() should add a supply to the Supply Object list. We can test with getSupplies()                                   | {Supply}<br>Supply used in addSupply()  |
| testRemoveSupply         | AddSupply() should remove a supply to the Supply Object list. We can test with getSupplies()                                | Supply Object used in removeSupply()  |

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| testUpdateLog | UpdateLog() should change the name and location attributes of the location to the new values. This can be tested with getName and getLocation | Name: ReliefPlace used in constructor. ReliefHouse used in updateLog(). Location: Mississauga used in constructor. Missouri used in updateLog(). |
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| ReliefService            |  |  |
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| Test Name                | Description  | Test Value(s)  |
| testSetInquirer          | SetInquirer() should update the inquirer attribute with a new value. Can be tested with getInquirer()                            | {Inquirer}<br>Inquirer Object used in setInquirer                    |
| testSetMissingPerson     | SetMissingPerson() should update the missingPerson attribute with a new value. Can be tested with getMissingPerson()             | {DisasterVictim}<br>DisasterVictim Object used in setMissingPerson() |
| testSetDateOfInquiry     | SetDateOfInquiry should update the dateOfInquiry attribute with a new value. Can be tested with getDateOfInquiry()               | 04/04/22<br>Used in setDateOfInquiry()                               |
| testSetInfoProvided      | SetInfoProvided() should update the infoProvided attribute with a new value. Can be tested with getInfoProvided()                | "The victim was last seen near the bagle store. They are 6ft tall"   |
| testSetLastKnownLocation | SetLastKnownLocation() should update the lastKnownLocation attribute with a new value. Can be tested with getLastKnownLocation() | {Location}<br>Location object used in setLastKnownLocation()         |

| Medical Record          |  |   |
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| Test Name               | Description  | Test Value(s)   |
| testSetVictim           | setVictim() should update the victim attribute and can be tested with the getVictim()  | {DisasterVictim}<br>DisasterVictim Object used in setVictim |
| testSetLocation         | setLocation() should update the location attribute with a new value. Can be tested with getLocation().                         | {225 Applebee Way}<br>Uses Location object in setLocation() |
| testSetTreatmentDetails | setTreatmentDetails() should update the treatmentDetails attribute with a new value. Can be tested with getTreatmentDetails(). | "Needs xyz medicine"<br>Used in setTreatmentDetails()       |
| testDateOfTreatment     | DateOfTreatment should update the dateOfTreatment attribute with a new value. Can be tested with getDateOfTreatment().         | "10/04/22"<br><br>Used in setTreatmentDetails()             |

| Supply             |   |  |
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| Test Name          | Description   | Test Value(s)  |
| testSetType        | setType() allows the user to set the supply type while getType() returns the supply type to check its values                    | Constructor was given type as clothes, first aid kit passed into setType() |
| testSupplyQuantity | setQuantity() modifies the supply quantity to the new value while getQuantity() returns the supply quantity to check its values | Constructor was given value of 4, 2 passed into setQuantity()              |

| Inquirer                  |  |   |
|---------------------------|--|---|
| Test Name                 | Description  | Test Value(s)   |
| testgetFirstName          | Verify that the getFirstName() method of a person-related class correctly retrieves and returns the first name of the person.                  | "Alice" and calling getFirstName() returns "Alice".                               |
| testgetLastName           | Ensure that the getLastName() method of a person-related class accurately retrieves and returns the last name of the person.                   | "Smith" and calling getLastName() yields "Smith".                                 |
| testgetInfo               | Check that the getInfo() method of a class provides a summary or information about an object, incorporating various attributes or details.     | {225 Applebee Way} calling getInfo() provides specified location                  |
| testgetServicePhoneNumber | Confirm that the getServicePhoneNumber() method of a service-related class retrieves and returns the phone number associated with the service. | "123-555-5678" calling getServicePhoneNumber() returns the expected phone number. |