

Final Test Report

Here are the results of the JUnit tests. Please see the Test Plan for the details of the tests.

GeneDataBaseTest

1. public void testPlantedPeople()
 - a. Passes, no issues. I had trouble getting @Before in the GeneDataBaseTest to work with the plantTree() method in GeneDataBase so that is why the tree is 'planted' in nearly every test method.
2. public void testPlantedPartnerships()
 - a. Passes, no issues.
3. public void testCreatePartnership1()
 - a. Passes. In GeneDataBaseTest, although adding new partnerships and accessing new spouses works, I receive Null Pointer Exceptions when I try to manually add and access family members resulting from the partnership such as children, grandparents or siblings.
4. public void testPlantedParents()
 - a. Passes, no issues.
5. public void testPlantedChildren()
 - a. Passes, no issues.
6. public void testPlantedSiblings()
 - a. Passes, no issues.
7. public void testPlantedGrandparents()
 - a. Passes, no issues.

8. `public void testFindExactNameID1()`
 - a. Passes, no issues.
9. `public void testFindExactSurnameID1()`
 - a. Passes, no issues.
10. `public void testFindExactFirstNameID1()`
 - a. Passes, no issues.

PersonTest

1. `public void testDateAge1()`
 - a. Passes, no issues. The test involves dates so it must be updated eventually.
2. `public void testDateAge4()`
 - a. Passes, no issues. The test involves dates so it must be updated eventually.
3. `public void testDateAge3()`
 - a. Passes, no issues. The test involves dates so it must be updated eventually.
4. `public void testDateAge2()`
 - a. Passes, no issues. The test involves dates so it must be updated eventually.
5. `public void testName1()`
 - a. Passes, no issues.
6. `public void testID1()`
 - a. Passes, no issues.
7. `public void testID2()`
 - a. Passes, no issues.
8. `public void testBirthDeathPlace1()`

- a. Passes, no issues.
- 9. public void testMarriageDetails1()
 - a. Passes, no issues.
- 10. public void testMarriageDetails2()
 - a. Passes, no issues.
- 11. public void testParents1()
 - a. Passes, no issues.
- 12. public void testParents2()
 - a. Passes, no issues.
- 13. public void testGender2()
 - a. Passes, no issues.
- 14. public void testGender1()
 - a. Passes, no issues.
- 15. public void testGender3()
 - a. Passes, no issues.