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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/11/21 |
| **Test Case ID #:** test\_344\_07\_addCandidates\_04\_testValidWhitespace | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Tests that a valid call to addCandidates does not throw an exception and allows getCandidates to return the parsed Candidate instances when there is extra whitespace |  |
| **Automated:** Yes | **Indicate where you are storing the tests (what file) and the name of the method/functions being used:**  Test file: Project1/src/test/org/team19/InstantRunoffSystemTest.java  Test method: testAddCandidates  Method/constructor being tested: addCandidates from Project1/src/main/org/team19/InstantRunoffSystem.java |
| **Results:** Pass |  |
|  |  |
| **Preconditions for Test:**  N/A | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Instantiates an InstantRunoffSystem and tests that addCandidates does not throw any exceptions when attempting to add a properly formatted candidates string with extra whitespace | candidatesLine: " C0 ( P0 ) , C1 ( P1 ) "  line: 3 | No exception is thrown | No exception is thrown |  |
|  | Test that getCandidates returns the correct parsed candidates | N/A | [new Candidate(“C0”, “P0 ), new Candidate(“C1”, “P1”)] | [new Candidate(“C0”, “P0 ), new Candidate(“C1”, “P1”)] |  |

**Post condition(s) for Test:**

N/A