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| **Project Name: Aegis Project 1: Voting System Team#7** | |
| **Test Stage: Unit X System \_** | **Test Date:** 3/26/21 |
| **Test Case ID#:** OPLTest\_12: assignParty | **Name(s) of Testers:** Michael, Donald, Grant, Lucky |
| **Test Description:**  Verifies that assignParty() correctly assigns each candidate to their correct party. |  |
| **Automated: yes X no \_\_\_** | **Indicate where you are storing the tests (what file) and the name of the method/functions being used.**  Stored in file: OPLTest.cpp  Method names:   * addBallot() * getPartyMembers() * getName() * getNumBallots() * getParty() * addCandidate() * setParties() |
| **Results: Pass \_\_X\_\_\_** Fail **\_\_\_\_\_\_\_\_** |  |
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| **Preconditions for Test:**  Election data has been set up properly. | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Create a new OPL election, candidates, and parties. Do not assign candidates to parties. | opl2->parties  opl2->candidates | opl2.getParties() = {Don, Regina, Issac} | opl2.getParties() = {Don, Regina, Issac} |  |
| 2 | Assign candidates and parties to opl2. |  |  |  |  |
| 3 | Call opl2.assignParty() |  |  |  |  |
| 4 | Verify that each candidate has been assigned to the correct party. |  |  |  |  |

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

Each candidate has been assigned to the correct party.