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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 03/14/2021 |
| **Test Case ID #:** Test\_388\_09\_01 | **Name(s) of Testers:** Aaron Kandikatla |
| **Test Description:**  Given a standard OPL election with candidates, parties, ballots, and seats, allocateInitialSeats properly allocated seats and  returns the number of seats remaining and all parties with  enough candidates for the next allocation |  |
| **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/OpenPartyListSystemTest.java  Test method: testAllocateInitialSeatsTypical  Method/constructor being tested: allocateInitialSeats from Project1/src/main/org/team19/OpenPartyListSystem.java |
| **Results:** Pass |  |
|  |  |
| **Preconditions for Test:**  N/A | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Tests that only 1 seat is remaining after initial allocation | Parties:  D – 5 ballots  R – 3 ballots  I – 1 ballot  Candidates:  Foster (D)  Pike (D)  Deutsch (R)  Jones (R)  Borg (R)  Smith(I) | “1 seat remaining” | “1 seat remaining” | N/A |
| 2 | Tests that parties D, R, and I all still have enough candidates for more potential seats in the second allocation | Parties:  D – 5 ballots  R – 3 ballots  I – 1 ballot  Candidates:  Foster (D)  Pike (D)  Deutsch (R)  Jones (R)  Borg (R)  Smith(I) | “[D, R, I]” | “[D, R, I]” | N/A |

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

N/A