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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 03/14/2021 |
| **Test Case ID #:** Test\_394\_09\_02 | **Name(s) of Testers:** Aaron Kandikatla |
| **Test Description:**  Given a standard OPL election with candidates, parties, ballots, and seats, where a sole candidate of a party receives all the votes. After the initial allocation is completed, tests that allocateRemainingSeats allocates remaining seats by dealing with ties properly. |  |
| **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: testAllocateRemainingSeatsSingleCandidateHas AllVotes  Method/constructor being tested: allocateRemainingSeats 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 | Test to check that partyD was allocated 2 of the 4 remaining seats since partyD and partyR both have the same number of votes (0) | 1 / 5 seats allocated  4 seats remaining  Parties - ballots:  D:  0 remaining ballots  0 seat  R:  0 remaining ballots  0 seats  I:  80 remaining ballots  1 seat  Candidates:  Foster (D)  Pike (D)  Deutsch (R)  Jones (R)  Borg (R)  Smith(I) | 2 | 2 | N/A |
| 2 | Test to check that partyR was allocated 2 of the 4 remaining seats since partyD and partyR both have the same number of votes (0) | 1 / 5 seats allocated  4 seats remaining  Parties - ballots:  D:  0 remaining ballots  0 seat  R:  0 remaining ballots  0 seats  I:  80 remaining ballots  1 seat  Candidates:  Foster (D)  Pike (D)  Deutsch (R)  Jones (R)  Borg (R)  Smith(I) | 2 | 2 | N/A |

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

N/A 