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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#:** IRTest\_7 | **Name(s) of Testers:** Michael/Lucky/Grant/Donald |
| **Test Description:**  TEST\_F (IRTest, checkIfOneCandThreeCand)  Checks in the election if there is only one person  left in the election. If there is then add them to  the winner's vector. This test is the scenario where  there are three people left. |  |
| **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: IRTest.cpp  Method names:   * checkIfOneCand() |
| **Results: Pass \_\_X\_\_\_** Fail **\_\_\_\_\_\_\_\_** |  |
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| **Preconditions for Test:**  The data for the IR Election was set up correctly. | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Run checkIfOneCand() |  |  |  | This test should apply to 3 and above people. |
| 2 | Check if the winners vector has a winner. | ir->getWinners().size() | EXPECT\_TRUE(ir->getWinners().size() == 0) = true | EXPECT\_TRUE(ir->getWinners().size() == 0) = true |  |

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

Since there are three people left, no one is added to the winner’s vector.