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| **Project Name: Project 1: CompuVote Team#19** | |
| **Test Stage:** System | **Test Date:** 03/14/2021 |
| **Test Case ID #:**  test\_398\_05\_main\_01\_testIrPopularity | **Name(s) of Testers:** Aaron Kandikatla |
| **Test Description:**  Given a IR CSV election file, where the election results in a case where there are 2 candidates remaining, tests that the system parses the file and produces the expected audit and report files  Note: If the test fails, the files generated are not deleted at the end. |  |
| **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/VotingSystemRunnerTest.java  Test method: testIrPopularity  Method/constructor being tested: main from Project1/src/main/org/team19/VotingSystemRunner.java |
| **Results:** Pass |  |
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| **Preconditions for Test:**  The following files exist, and the system is able to open, read, and edit:  Project1/testing/test-resources/votingSystemRunnerTest/test\_ir\_popularity\_audit\_expected.txt  Project1/testing/test-resources/votingSystemRunnerTest/test\_ir\_popularity\_report\_expected.txt  Project1/testing/test-resources/votingSystemRunnerTest/ir\_testPopularity.csv | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
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| 1 | Tests to check that testPopularity.csv is successfully parsed with no exceptions and the generated audit file matches the expected | ir\_testPopularity.csv | test\_ir\_popularity\_audit\_expected.txt matches the audit file generated by the system | test\_ir\_popularity\_audit\_expected.txt matches the audit file generated by the system | N/A |
| 2 | Tests to check that testPopularity.csv is successfully parsed with no exceptions and the generated report file matches the expected | ir\_testPopularity.csv | test\_ir\_popularity\_report\_expected.txt matches the report file generated by the system | test\_ir\_popularity\_report\_expected.txt matches the report file generated by the system |  |

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

N/A