| **Project Name: Project 1: Voting System Team# 9** | |
| --- | --- |
| **Test Stage: Unit** | **Test Date: 03/26/2021** |
| **Test Case ID#: testParse1()** | **Name(s) of Testers: Isaac** |
| **Test Description:**  This will test if the parse() function correctly parses the number of candidates, ballots, and parties. The IR constructor calls parse() inside of it. |  |
| **Automated: Yes** | **Indicate where are you storing the tests (what file) and the name of the method/functions being used.**  The tests are stored in IRTest.java. The methods tested are: parse(), IR() constructor |
| **Results: Pass** |  |
|  |  |
| **Preconditions for Test:** Must have test files within the same directory of IRTest.java, because IRTest will use test election csv files to test the output of each method and the election. | |

| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| 1 | irTest.csv has 3 candidates (Billy (D), Sandra (I), Joe (R)) | static File testFile1 = new File("src/votecountsystem/irTest.csv");  static File testFile2 = new File("src/votecountsystem/irTestFile1.csv");  static File testFile3 = new File("src/votecountsystem/irtest.csv");  static File testFile4 = new File("src/votecountsystem/irTie.csv"); | 3 | 3 |  |
| 2 | 40 total votes | static File testFile1 = new File("src/votecountsystem/irTest.csv");  static File testFile2 = new File("src/votecountsystem/irTestFile1.csv");  static File testFile3 = new File("src/votecountsystem/irtest.csv");  static File testFile4 = new File("src/votecountsystem/irTie.csv"); | 40 | 40 |  |
| 3 | 3 parties | static File testFile1 = new File("src/votecountsystem/irTest.csv");  static File testFile2 = new File("src/votecountsystem/irTestFile1.csv");  static File testFile3 = new File("src/votecountsystem/irtest.csv");  static File testFile4 = new File("src/votecountsystem/irTie.csv"); | 3 | 3 |  |
| 4 |  |  |  |  |  |

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

The IR object will have been created with the correct values from the csv file.

