**Multiple files OPL system testing documentation**

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | OPL Multiple Files: System Testing - writing  ST\_OPL\_MF\_01 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | 2 valid OPL files containing the same number of ballots, same number of seats all with the OPL header but different number of ballots |
| Tests: | Running the system and inputting both OPL files |
| Outputs: | Verify that the election had the correct results accounting for the votes in both OPL files |
| Passed or Failed | PASSED |
| Date | April 13th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | OPL Multiple Files: System Testing - writing  ST\_OPL\_MF\_02 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | 3 valid OPL files containing the same number of ballots, same number of seats all with the OPL header but different number of ballots |
| Tests: | Running the system and inputting all OPL files |
| Outputs: | Verify that the election had the correct results accounting for the votes in all 3 OPL files |
| Passed or Failed | PASSED |
| Date | April 13th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | OPL Multiple Files: System Testing - writing  ST\_OPL\_MF\_03 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | 2 valid OPL files containing the same number of ballots, same number of seats all with the OPL header but different number of ballots and 1 invalid OPL file, no OPL header |
| Tests: | Running the system and inputting both OPL files |
| Outputs: | Verify that it correctly caught the difference in the files and threw a \_\_\_\_\_\_ error |
| Passed or Failed | TBD |
| Date | April 13th 2024 |

**Multiple files OPL unit testing documentation**

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | Multiple Files OPL: Unit Testing - Test Logs  UT\_OPL\_MF\_01 |
| --- | --- |
| Team Member(s) Responsible: | Bethany Freeman |
| Inputs: | validFile01, a list of input files  OPLInputMultiple01.txt  OPLInputMultiple02.txt  OPLInputMultiple03.txt  And header “OPL” |
| Tests: | 1. Gets the correct header from the collective input files 2. Gets the correct number of seats from the collective input files 3. Gets the correct number of ballots from the collective input files 4. Gets the correct number of parties from the collective input files 5. Ensures the list of party candidates is correctly stored from the given input files 6. Ensures the party votes are correctly calculated and stored from the given input files 7. Ensures the candidate votes are correctly calculated and stored from the given input files |
| Outputs: | test01 = new ExtractDataOPL(validFile01, header);  FileData test = test01.extractFromFile();   1. Extracted election type. 2. Number of seats. 3. Number of ballots. 4. Number of parties. 5. Party candidates. 6. Party votes. 7. Candidate votes.   From test |
| Passed or Failed | 1. PASSED 2. PASSED 3. PASSED 4. PASSED 5. PASSED 6. PASSED 7. PASSED |
| Date | April 13th 2024 |