MPO FILES Unit testing

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: Unit Testing - Test Logs  MPOF01 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | test an extractDataMPO object created with validFile |
| Tests: | 1. Ensure .verifyIsDigit method doesn't return true on “” 2. Ensure .verifyIsDigit method does return true on “1” 3. Ensure .verifyIsDigit method does return true on “ 1” 4. Ensure .verifyIsDigit method doesn't return true on “abc” 5. Ensure .verifyIsDigit method doesn't return true on “12b” |
| Outputs: | Success |
| Passed or Failed | 1. PASSED 2. PASSED 3. PASSED 4. PASSED 5. PASSED |
| Date | April 17th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: Unit Testing - Test Logs  MPOF02 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | validFile: MPOPartyInfo0X.txt  test, an extractDataMPO object created with validFile  partyVotes and partyVotes, ArrayList<ArrayList<Object>> populated by test.formatPartyInformation |
| Tests: | 1. Ensure party info is correctly formatted in the normal case 2. Ensure that when an party name is missing in the input it is missing in the formatted info 3. Ensure that when a candidate name is missing in the input it is missing in the formatted info |
| Outputs: | Success |
| Passed or Failed | 1. PASSED 2. PASSED 3. PASSED |
| Date | April 17th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: Unit Testing - Test Logs  MPOF03 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | validFile: MPOBallotTest0X.txt  test, an extractDataMPO object created with validFile  partyVotes and partyVotes, ArrayList<ArrayList<Object>> populated by test.formatBallotInformation |
| Tests: | 1. Ensure ballot info is correctly formatted in the normal case 2. Ensure an IOException is thrown if there is a misformatted vote (L instead of 1) 3. Ensure an IOException is thrown if there are no votes (null) 4. Ensure an IOException is thrown if there are no votes (,,,,,) |
| Outputs: | Success |
| Passed or Failed | 1. PASSED 2. PASSED 3. PASSED 4. PASSED |
| Date | April 17th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: Unit Testing - Test Logs  MPOF04 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | validFile: MPOInput001.txt  test, an extractDataMPO object created with validFile  partyVotes and partyVotes, ArrayList<ArrayList<Object>> populated by test.formatBallotInformation  t, a fileData object populated using test.extractFromFile(true); |
| Tests: | 1. Ensure the header is MPO 2. Ensure the number of seats is correct 3. Ensure the number of ballots is correct 4. Ensure the number of parties is correct 5. ensure the partyVotes is correct 6. ensure the candidateVotes is correct |
| Outputs: | Success |
| Passed or Failed | 1. PASSED 2. PASSED 3. PASSED 4. PASSED 5. PASSED 6. PASSED |
| Date | April 17th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: Unit Testing - Test Logs  MPOF05 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | validFile: MPOInputMulti01.txt  test, an extractDataMPO object created with validFile  partyVotes and partyVotes, ArrayList<ArrayList<Object>> populated by test.formatBallotInformation  t, a fileData object populated using test.extractFromFile(true); |
| Tests: | 1. Ensure the header is MPO 2. Ensure the number of seats is correct 3. Ensure the number of ballots is correct 4. Ensure the number of parties is correct 5. ensure the partyVotes is correct 6. ensure the candidateVotes is correct |
| Outputs: | Success |
| Passed or Failed | 1. PASSED 2. PASSED 3. PASSED 4. PASSED 5. PASSED 6. PASSED |
| Date | April 17th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: Unit Testing - Test Logs  MPOF06 |
| --- | --- |
| Team Member(s) Responsible: | Derrick Dischinger |
| Inputs: | validFile: MPOInput02.txt  test, an extractDataMPO object created with validFile  partyVotes and partyVotes, ArrayList<ArrayList<Object>> populated by test.formatBallotInformation  t, a fileData object populated using test.extractFromFile(true); |
| Tests: | 1. Ensure an IOException is thrown if the input file is missing header info |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 17th 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: System Testing - Test Logs  MPOF07 |
| --- | --- |
| Team Member(s) Responsible: | Bethany Freeman |
| Inputs: | validFile: MPOInput01.txt |
| Tests: | 1. Ensure file runs with no errors thrown |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 22nd 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: System Testing - Test Logs  MPOF08 |
| --- | --- |
| Team Member(s) Responsible: | Bethany Freeman |
| Inputs: | N/A |
| Tests: | 1. Ensure main errors with “Empty files ArrayList, no valid files given” |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 22nd 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: System Testing - Test Logs  MPOF09 |
| --- | --- |
| Team Member(s) Responsible: | Bethany Freeman |
| Inputs: | MPOPartyInfo03.txt |
| Tests: | 1. Ensure eros with Mark invalid since no Header |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 22nd 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MPO Files: System Testing - Test Logs  MPOF09 |
| --- | --- |
| Team Member(s) Responsible: | Bethany Freeman |
| Inputs: | MPOInput001.txt |
| Tests: | 1. Should run without errors |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 22nd 2024 |