MV FILES Unit testing

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: Unit Testing - Test Logs  MVF01 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | test an extractDataMV 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 21st 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: Unit Testing - Test Logs  MVF02 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | validFile: MVPartyInfo0X.txt  test, an extractDataMV 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 a 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 21st 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: Unit Testing - Test Logs  MVF03 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | validFile: MVBallotTest0X.txt  test, an extractDataMV 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 21st 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: Unit Testing - Test Logs  MVF04 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | validFile: MVInput01.txt  test, an extractDataMV 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 MV 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 21st 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: Unit Testing - Test Logs  MVF05 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | validFile: MVInputMulti01.txt  test, an extractDataMV 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 MV 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 21st 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: Unit Testing - Test Logs  MVF06 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | validFile: MVInput02.txt  test, an extractDataMV 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 21st 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: System Testing - Test Logs  MVF07 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | MVInput01.txt |
| Tests: | 1. Ensure program gracefully exits upon error throw |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 22nd 2024 |

| The PBI, the Task Description (from Sprint Log) with Unique Testing Number: | MV Files: System Testing - Test Logs  MVF08 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| 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: | MV Files: System Testing - Test Logs  MVF09 |
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| Team Member(s) Responsible: | Rock Zgutowicz |
| Inputs: | MVPartyInfo03.txt |
| Tests: | 1. Ensure eros with Mark invalid since no Header |
| Outputs: | Success |
| Passed or Failed | 1. PASSED |
| Date | April 22nd 2024 |