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| **Project Name: Project 1: Voting System Team#08** | | |
| **Test Stage: Unit \_x\_ System \_\_** | | **Test Date: 3/20/2023** |
| **Test Case ID#: AuditFiler\_02** | | **Name(s) of Testers: Claire Maurus** |
| **Test Description:** Adding information to a new audit file using AddElectionInfo(string) then calling WriteToFile() to see the results as expected. This is using AudiFiler.cpp/h and AuditFilerTest.cpp which is a set up using Google Test framework all in the same working directory. This test was verified manually. | |  |
| **Automated: yes\_\_\_ no \_x\_\_** | |  |
| **Results: Pass \_\_\_x\_\_ Fail\_\_\_\_\_\_\_\_** | |  |
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| **Preconditions for Test:** Provided the date and election type strings to be used for the constructor of the object.  (Date String): “MMDDYYY” same for both object  (Election\_Type): “IR” for test1 and “CPL” for test2  No File called MMDDYYYYIR.txt or MMDDYYYYCPL.txt exists in the current working directory. | | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
| 1 | Create 2 Audit Filer object described above called test1 and test2 | Create the objects using the precondition strings | Nothing | Nothing | Instantiating the objects |
| 2 | Call addElectionInfo(…) once on test1 | “News” string passed into the function | Nothing all internal | Nothing All Internal | All these things are affecting private vars |
| 3 | Call addElectionInfo(…) twice on test2 | “Testing Info” and “Testing Info 2” are passed in one string per fucntion call | “ | “ | “ |
| 4 | Call WriteToFile() on both of the objects | Files created Called: MMDDYYYYIR.txt MMDDYYYYCPL.txt | Files Called: MMDDYYYYIR.txt –  Contains “News” on the first line.  MMDDYYYYCPL.txt –  Contains “Testing Info” on the first line and “Testing Info 2” on the second. | Files Called: MMDDYYYYIR.txt –  Contains “News” on the first line.  MMDDYYYYCPL.txt –  Contains “Testing Info” on the first line and “Testing Info 2” on the second. | The was verified manually and filers were created correctly and the order was as excpected. |

**Post condition(s) for Test: Two Files were created,** MMDDYYYYIR.txt and MMDDYYYYCPL.txt, containing the information that was passed into the addElectionInfo() fucntion.