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| **Project Name: Project 1: Voting System Team#08** | |
| **Test Stage: Unit \_x\_ System \_\_** | **Test Date: 3/21/2023** |
| **Test Case ID#: AuditFiler\_04** | **Name(s) of Testers: Claire Maurus** |
| **Test Description:** Testing what happens if forbidden characters are passed into to make the name of the Audit file txt file. This is using methods from AuditFiler.cpp/h and tested with help from using AuditFilerTest.cpp using google test framework but manually checked. |  |
| **Automated: yes\_\_\_ no \_\_x\_** |  |
| **Results: Pass \_\_\_\_\_ Fail\_\_\_\_\_x\_\_\_** | Though system provided the correct safety terminal outputs it ultimately provides no way to correct and get the file information. |
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| **Preconditions for Test: Nothing other than the two-string used to pass to the constructor for creation of the object:**  “?” and “@” | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
| 1 | Instantiated the AuditFiler object called test1 | Just the “?” and “@” passed into the constructor | Nothing | Nothing | Creation of the object |
| 2 | Called addElectionInfo(string) | Passed in “News” to the fucntion | Nothing | Nothing | Internal |
| 3 | Called WriteToFile() test1 |  | A file called [?@.txt](mailto:?@.txt) | File Failed to open and also failed to close messages printed to termail | File Failed to open since characters are not allowed in file name |
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**Post condition(s) for Test:**

File Failed to be made an no audit file was made but the system did not crash.

Notes: I forgot that there are some characters not allowed for file names so need to make additions to the fucntion to handle that.