Test 1:

Opened the reader, configured the path as a Test folder that contained 21 good files and 1 bad file. Results as expected. Folders and excel sheet was created. Default scenario.

Bug: Completed files are named with the "completed" moniker and non-completed files are named with the "not processed" moniker but they are not moved to the completed folder. (Fixed)

Test 2:

Same as test 1, but chose the folder with all completed files and ran them. The files were not exported and results were not obtained.

Observation: Maybe because files did not begin with "facebook" , "google" or "linkedin" the reader didn't recognize these files.

Test 3:

The third test was done exclusively using Google Maps files. In the settings of the reader, I deleted the google field. Then I ran the reader. Got the message of no JSON files found. It works

Test 4:

For the fourth test case, the field of "name" was removed. Then I ran the reader. The files were exported and excel sheet generated as usual. The excel contained the fields except the ones which I removed. It works right.

Test 5:

The fourth test was done exclusively using Google Maps files again. In the settings of the reader, I deleted the other fields except the mandatory one and "name". Then I ran the reader. The excel sheet generated as usual.

Test 6:

Ran a test using a mix of Linkedin and Google Map files.

The reader exported into folders and into an excel too, separating the data evenly.

Test 7:

Ran the test using 501 files to check if optimized for large no. of files. As expected, the reader did compilation and exporting accurately and quickly.

Test 8:

Ran the test using 2 nested folders in the parent folder. Put the path as the parent folder. The reader did its job right. The reader compiled and the excel was generated from both the folders.

Test 9:

Ran the test using a nested folder containing another nested folder, and put the path as the first nested folder. The reader compiled and the excel was generated.

Test 10:

Ran the test using multiple nested folders, and put the path as the parent folder again. There were a total of 292 files. The reader compiled and the excel was generated from both the folders. This was one folder within another folder which also was inside another folder which was inside the parent folder.

Test 11:

Ran the test using a folder containing one file with "LinkedIn" as the name to check if file name syntax has an effect. No issues faced.

Test 12:

Ran the test using 2 nested folders in the parent folder, while the parent folder contained additional files. Put the path as the parent folder. The reader did its job right. The reader compiled the excel containing details of all the files.

Suggestions:

1) A better UI for the application.
2) Autosave for criteria or fields.

Bugs Faced:

1) **(FIXED)** Completed files are named with the "completed" moniker and non-completed files are named with the "not processed" moniker but they are not moved to the completed folder.

2) **(FIXED) MAJOR BUG** The processed files' names are changed to "completed".
   Example:

   "Google Maps, 02-19-2025 01-13-59 PM.json" changes to
   "completed_29_04_2025_12_28_25\Google Maps, 02-19-2025 01-13-59 PM.json"