

Summary of Testing

We started testing by having an explore of the program, adding files and moving them to see what happens, also editing them.

We had the list of program details to hand whilst doing this so we tested some of the basic features of the program.

The program description mentions using surnames as filenames, this made us question what would happen if we had multiple people with the same surname and how the program would react, this was when we found that you couldn't have multiple files with the same filename. We decided to log this as a bug as it needs addressing, as this would cause multiple issues. We logged this bug under the Issues tab of our Git Repo.

We also tried editing some details in the updated file and checked how it reacted, this was where we came across our second bug, if the street name in the original file is longer than the updated address this causes a bleed of information on the file in the Finals folder. We logged this bug with more details in the Issues tab on our Git repo too.

Running planned tests:

Run the Program with an empty Originals and Updates Directory with a droplist: this reacted as we expected, no errors were raised, we also tried this with a file in both of the directories individually, this too worked as we expected, with the files being moved to the Finals directory.

Run the Program with an empty Originals and Updates Directory with an allowlist:

This didn't react as we expected, it produced an error:

```
03_resources git:(main) x python3 document_updater.py target_directory
Traceback (most recent call last):
  File "/Users/katiecoleman/TestEngineering/extending-testing/phase2/03_resources/document_updater.py", line 40, in <module>
    line = list_data[0] if listfiletype == 'allow' else list_data
            ~~~~~~
IndexError: list index out of range
03_resources git:(main) x
```

This also happened when we had a file in either the Updates or the Originals Directory, it reacted as expected if there was a filename in the list, however this error seems to appear when the allowlist is left empty.

Unfortunately we didn't get time to log this bug.

We also didn't get time to check the superseded documents either, we would add this to future test runs.