Testing info:

Exploratory testing findings/functionality?

- Originals without updates are not replaced
- Updates will always be final results
- Originals with updates will give the update as the final result regardless of the allowlist or droplist
- droplist/allowlist only functions when original data is provided
- If a user has no updates and is not in the droplist, their original data is finalized
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- If the user is added to the droplist (file name matches), their original data is not finalized. If this user has updated information, their new info will be finalized regardless of the previous step

Scenarios:

1. A user has old data but they are added to the droplist and they have no updated information.

Testing steps: provide an old but valid name and address in the original file but do not provide an update file and add their name to the droplist.

Results: Finals directory is created but as their name is in the droplist, the original details are not finalized. This was the expected result

2. A user has old data but they are added to the droplist. However, they have recently moved house and have new data to be updated.

Testing steps: provide an old but valid name and address in the original file and provide a newly updated details file and add their name to the droplist.

Results: Finals directory is created and the user's updated information is finalized. This was the expected result

3. A user has old data and wants to update it with their new details but someone has misplaced the droplist victim and the droplist file instead holds a random number.

Testing steps: provide an old but valid name and address in the original file and do not provide a update file but create a droplist file with the number "1321423"

Results: Finals directory is created and updated details are mostly displayed correctly in here.
Bug: Characters from the original information are coming over to the final version
Next step to address bug: check with regular droplist value

BUG REPORT 1: characters from original information and coming through to the updated version in the final when the name is not in the droplist

4. A new user has appeared! This user has added their information to update the system.

Testing steps: provide no original file and an update file with their information. Create a droplist file for their surname as this would break the system if it wasn't added (possible bug or unwanted functionality)

Results: Finals directory created with new updated details in a file which is the expected result (droplist is irrelevant but needs to be created to avoid breaking code)

5. A user has old data in the system but they are added to the allowlist, they have not moved recently therefore no updated information is present.

Testing steps: provide an old but valid name and address in the original file and provide no update file. Make sure this user's last name is stored in the allowlist

Results: Original data is used in the finals directory as the user has been put on the allowlist and had no update file.

6. A user has old data in the system and wants to update this with their new address. Their friend "hillary" has been added to the droplist but they have not.

Testing steps: provide an old but valid name and address in the original file as well as an updated file with the user's new address. Create a droplist file with "hillary" stored.

Results: The user's details were finalized with the updated version. We doubled back on the bug by making the update data shorter in length than the original and reran this scenario. The bug was yet again present here as we saw street names combined such as "Brandonlandtown"

7. A user has recently changed their name due to marriage and is hoping to update their current information with the new name but the same address. They are displayed on the allowlist.

Testing steps: provide an old but valid name and address in the original file but in the updated file, change the user's last name only. The user's original last name should be stored in the allowlist

Results: Both records from original and updated are included in the finals directory as the last name seems to be the way to update files that are allowed through the allowlist.
Possible bug: If a user decided to change their last name, both their old and new information would be finalized

BUG REPORT 2: When a user entered a different last name for their updated data, both the original and updated files are added to finals directory

8. Another user has recently gotten married to someone whos last name is in the droplist. Their previous last name was not in the droplist.

Testing steps: provide an old but valid name and address in the original file but in the updated file, change the user's last name only. The user's updated last name should be stored in the allowlist

Results: When the allowlist blocks off the old surname, the finals directory only inherits the updated file. This is the expected result