**PathWayPro v1.1 README**

**Description**

PathWayPro is a Python application designed to streamline the process of integrating data from individual Excel files into a master Excel file, which serves as a database update tool.

**Features**

* Combines data from individual Excel files into a master Excel file.
* Archives processed files into a designated folder.
* Provides user feedback through a graphical user interface (GUI) with buttons for processing steps.

**Installation**

To install PathWayPro, follow these steps:

1. Copy the contents of the distribution folder to the directory where your "DDS hits for 2024.xlsx" file is located.

**Usage (Prompted within App)**

1. **Preparing Data:**
   * Save Excel files sent by technicians into the "unprocessed" folder.
   * Launch PathWayPro and use the GUI to click the "Prepare unprocessed data" button.
2. **Merging Data:**
   * Click the "Merge processed data" button after preparation completes.
3. **Adding to Excel:**
   * Click the "Add to Excel" button to merge processed data into the master Excel file.
   * Wait for confirmation in the large textbox at the bottom of the screen.
4. **Archiving:**
   * When App is launched for the first time of the day it will automatically backup the DDS hits for 2024.xlsx file in the backup folder
   * Once data is processed, files are moved to the "processed" folder.
   * Raw data is available in the "master\_rep.csv" file.

**Note:** The "Add to Excel" process may take several seconds to complete.

DO NOT CLICK AGAIN.

**Configuration**

PathWayPro allows configuration via three editable textboxes:

* “master\_rep.csv” comes prepopulated with headers that fit “DDS hits for 2024.xlsx”: the Summer calibrations sheet.
* Modify file/sheet destinations for data integration.

**Contributing**

Needing Search function that does not require exact match

Will require date (‘\_Autonum’) formatting, convert to string, split(‘\_’) and will drop index[0], use Index 1-3 to format month/day/year and drop last index that is labeled as action type of the report.

Turn entry boxes into dropdown boxes that give options of what excel file to add to and what sheet to add to using what is in the working directory. Get rid of potential for operator error.

Generate reports (guidelines for reports have not been given)

**License**

This project is licensed under the GNU Lesser General Public License (LGPL)

**Contact Information**

Pockthepirate426@gmail.com

**Changelog**

**Version 1.1**

* Initial release.
* Added functionality to merge data into the master Excel file.
* Implemented archiving of processed files.

**Acknowledgements**

Pandas, CustomTkinter, Openpyxl, PockThePirate (pathway\_objects)