

Purpose of Application

Vendors across Canada have different date formats on their receipts (i.e., MM/DD/YY , DD/MM/YY, or YY/MM/DD). This is confusing when completing tax documents, especially for accounting firms, and can often result in guess-work. This application is tied to a database that stores receipt/invoice date formats so that individuals/businesses can look up vendor names and make more educated guesses when completing tax documents.

Warnings / Dependencies

- Use pip to install tkinter and PIL
- Before running the program, download DB Browser for SQLite and open vendors.sqlite with it.
- vendors.sqlite must be in the same directory as main.py - main.py does not initialize a new database, only uses an existing database with a specific format.
- Currently the database only has one entry, but can be populated through application.
- Make sure sqlite database is closed before using the program. The program cannot use the database if someone is looking/editing it.
- Always ensure there is at least one entry in the database. When you are deleting an entry, make sure the database is populated with at least another entry.
- Do not enter data directly into the database (use program). Wrongly formatted data could cause the receipt program to crash, or could cause the program to not display data properly.

How to Use

Adding Entries, Deleting Entries & Searching Entries

Program starts off in the 'Main Menu' tab. If you want to search information on a vendor, press 'Search' otherwise press 'Update' to add/delete entries in the database.

When using 'Search', type vendor name beside 'Search Vendor' and similar names will start to appear in the white box beside 'Close Queries'. You can press 'Tab' to autocomplete if there is only one close query.

Warning:

If you want to search what you have typed into 'Search Vendor' you must press the "Search" button to the right. If you select one of "Close Queries" you must press the "Select" button below the list of quer(y)(ies). If the search is successful, you will be taken to the 'Results' tab, otherwise the program will remain in the 'Search' tab.

Viewing Results

In the Results tab, the vendor name is listed on top along with the vendor's GST/HST number. Sometimes the same vendor will have different GST/HST numbers, and therefore you must press 'Pre.' or 'Next' to go through them. Additionally, some vendors have a primary receipt

format (the format they use most frequently) but secondary and tertiary less used formats. Invoices are normally formatted differently and therefore have their own category.

Updating - Deleting, Changing, Adding Entry




The 'Update' tab (reached by pressing the 'Update' tab button, or the 'Update' button on the main menu) is used to alter, add, or delete entries. First, type the unique GST/HST number of the vendor¹. Once this number is typed in, press the 'Search' button.

1. **If an entry exists in the database:** the company name will be displayed beside 'Company:' heading and some receipt/invoice formats will show up. Here you can change these formats by pressing the bullets accordingly. At any point you may press the refresh button ² to show the information that is currently stored in the database. Note that by pressing the bullets you are not yet altering information in the database. To do this you must press the 'Update' button. If you want to delete the selected entry press the 'X' button.³ Press 'Cancel' at any point to clear the viewing screen.

The only way to alter entries in the actual database is by pressing the "Update" button, or the 'X' button.

2. **If the entry does not exist in the database:** You are entering information for a new database entry for a new company. The title "new company name" will appear beside the "Company:" heading. You can change this name to the vendor's name on the receipt. Change primary/secondary/tertiary receipt and invoice information as you please, and once you are done press 'Update'.

Warning: Make sure you select at least one receipt format. Otherwise the program might crash in the future.

1.  button explains what a tax number is
2.  returns data on viewing screen to data that is currently on database
3.  will remove entry from database