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Documentation

We have created a contact management system that allows people to keep track of all of their contacts safely and efficiently. Networking is an important part to become successful and having a tool to help you manage all the people you meet is a big help. Our contact management system allows you to easily add new contacts, delete old contacts, and even update any contact information as you see fit. It is the perfect tool to help you stay in touch with all your friends and family!

**How to run from Command Line**: It's as easy as running the GUI file from the command line. Bring the final Gui file and the main file to your desktop. Once you open the terminal (For MAC), you will just type ‘python3 gui.py’. Once you type that in and hit enter, the user interface should pop up.

**How to use the program**: There are three main functions of the program. You can either add a contact, delete a contact, or update a contact.

*How to add a contact*: Enter the contacts name in the first and last name fields and put their phone number in the number field and press the CREATE button to add them to the list.

*How to delete a contact*: Find the contact you want to delete. Check their row ID, enter row ID number in the box below and press DELETE button to delete them off the list.

*How to update a contact*: Find the contact you want to update information for. Check their row ID, enter row ID number in the box below and add any changes to the other boxes. Press the UPDATE button to submit changes.

Bibliography

Amos, D. (2022, July 18). *Python GUI programming with Tkinter*. Real Python. Retrieved November 15, 2022, from <https://realpython.com/python-gui-tkinter/>

-We used this resource to help learn about Tkinter and see how we wanted to do a layout for our code

Muller, D. (2020, June 2). *How to use the sqlite3 module in python 3*. DigitalOcean. Retrieved November 15, 2022, from <https://www.digitalocean.com/community/tutorials/how-to-use-the-sqlite3-module-in-python-3>

-We used this website to learn the introduction to sqlite and practice as beginners. It went over all the basics and how to create a connection.

Python Software Foundation, T. (2022). *SQLITE3 - DB-API 2.0 interface for SQLite databases¶*. sqlite3 - DB-API 2.0 interface for SQLite databases - Python 3.11.0 documentation. Retrieved November 15, 2022, from <https://docs.python.org/3/library/sqlite3.html>

* This resource had more advance sqlite information and we used this to help guide us when starting off with our code all the way to the end.

Python Software Foundation, T. (2022, November). *Tkinter - Python interface to TCL/TK¶*. tkinter - Python interface to Tcl/Tk - Python 3.11.0 documentation. Retrieved November 15, 2022, from <https://docs.python.org/3/library/tkinter.html>

-This resource was our go to resource when we started to get deep into the gui. It helped us pick the layout we wanted and gave a lot of helpful recommendations.