FINAL PROJECT VALIDATION TEST MODULES

This program allows the user to input information on officers who perform a service for the organization. This is broken down into four frames within the window.

*Frame One*

* Title = drop down.
* First Name = required input.
* Last Name = required input.
* Phone Number = required input.
* Street = required input.
* City = required input.
* State = required input.
* Zip = required input.

*Frame Two*

* Current Status
* Years of Service
* Hourly Pay

*Frame Three*

* Press button to enter data = code to input data

*Frame Four*

* Press button to End Program = code to close program

Throughout the coding process code was written and then tested. Some of the items that needed adjusted are as follows.

1. Adjustments had to be made to allocate correct spacing within the frames.
2. If left unchecked the active box will show not registered in the output. The default was the box was checked and showing active, so I wrote code for it to default being unchecked.
3. When I tried to turn the icon from a feather to a police officer shield image it took over the entire window. I had to use code specific to the icon, which isn’t regular image code.
4. I could not get the PIL or PILLOW libraries to load/run so I had to work with the professor for over an hour to find an alternative way to import and show images on the program.
5. Adding an image to a button resulted in hours of trial and error and help from the professor. We worked for over an hour to get the image to appear on the Exit/Quit button and I adjusted the code, so the words were on top and image below.

TEST DATA and RESULTS



Test Data Set 1

A screenshot of a computer

Description automatically generated

Test Data Set 2

A screenshot of a computer

Description automatically generated

Test Data Set 3

A screenshot of a computer

Description automatically generated

TESTED DATA INPUT FOR REQUIRED FIELDS

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

FINAL FORM

A screenshot of a computer

Description automatically generated

GITHUB REPOSITORY LINK

https://github.com/lilfrank22/Final\_Project\_Python