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Project Assignment #2 Writeup

Because we used modular programming for part 1, part 2 didn’t take much time for us. We divided the work between creating the graphical user interface and connecting the GUI to the console interface from last part. Overall we spent roughly 2.5 hours to implement and test the software. It took roughly 1.5 hours to implement the GUI and the database and about an hour to test the software. Andrew was in charge of creating the GUI while Mohammad implemented the backend functionality. The assignment was divided like this because last time Mohammad implemented the database and this time he had to update the database to match the database given by the professor. Also he knew the database and backend better from last part. Andrew faced some problem with the GUI because it was his first time and he kept getting null pointer. But later he was able to fix the issue.

The most difficult part of this assignment was to fix the null pointer and empty strings from the JTextBox. We didn’t realize that once a function stops running, the data inside that function gets deleted. But we wasted a lot of time, trying to figure out why it was creating profiles with empty strings. We also had to convert our old database with the new database provided by the professor. But overall this part wasn’t very difficult as most of the project was done in part 1, and in part 2 we just had to implemented the graphical user interface.