Project Evaluation

Requirements

The requirements for this application were quite simple, I planned to create an application that will be extremely easy to use and include most key features for this kind of business. I believe I have met the main requirements for this project such as keeping track of products in the database and client’s information. The GUI is simple, and the application is quite easy to use. As I planned, I created front end application that is connected to database which stores the data.

Strengths

* Simple and easy to use GUI
* Low technical requirements
* Easy to maintain
* Future development available

Weaknesses

* Not as complex as originally planned
* Lacks some of the additional features
* Program could work better in Java

Future development

I am planning to add several new features in the future, some of which were mentioned in the first project plan like stock reminders and sales averages. This would make the application a lot more productive however it would require more time and further research to develop. The application could also be rewritten in Java which would be beneficial because Java offers a lot more than Python, however I do not have enough experience with Java to create this software.

Project changes

When I started this project, I decided to begin with creating database in which I had quite a lot of experience and knowledge. Before this project I haven’t created any kind of GUI front end application and I did not expect this would be that difficult, it turned out that I had to learn quite a lot about tkinter and creating usable GUI. Because of that my application lacks some features that were mentioned in project plan.

What I learned from this project

This project really taught me what it means to be a software developer before that I have not created any software that I would be so enthusiastic about. I further improved my skills with SQL and database management. I also learned new things like creating GUI with tkinter and connecting front end application with back-end database. I believe these new skills will be extremely useful in the future of my career as a software developer. There are things I would change if I could start this project again. I would put more time into researching about GUI before this project so I could have more information about creating this kind of software.