

Description of scenario:

For this project I am making a program to help my Dad with his small business. My Dad is the client and adviser. I chose him as the adviser for the project because he is the one running the business, and will also be using the program. The product being developed will help him with inventory management, as he currently struggles remembering which products he has in stock, and where they are.

Rationale for the proposed product:

I have been using Java for nearly a year, and have a good amount of experience. Because of this, I imagine that I will be able to successfully develop the project. I also would be happy to ask for help if I were to get stuck. I plan on building the program for Windows 10, which is a commonly used operating system that my Dad has. It will not be a technically demanding program, and my Dad's computer is powerful, so I don't anticipate any compatibility issues. The program will keep track of my Dad's inventory, which will mean that the data required is easily obtained. There aren't any security implications that will need to be taken care of.

Success criteria:

I will know that the project is successful if the program is able to do the following.

- The user will be able to add an item, and give details about the item including:
 - Item name
 - Price
 - Description
 - Amount
 - If the item has been sold
- The user will also be able to list off all of their items, and be able to delete items
- The user can export the list of their items to be viewed in a spreadsheet program(Google Sheets or Microsoft Excel)
- The user will be able to sort through the items to easily find them

There are also some features that are on my Dad's "wishlist," meaning that I will try my best to implement them, but if I am not able to, it won't be a problem.