

Criterion E: Evaluation

The Program is based on different GUI pages which allow the client to work with the application. As seen in the interview conducted with the client in Appendix E, the client confirms that the program is able to add Stock by inputting all the necessary variables. Moreover, the client was happy with the fact that you could input the exact price at which each plate was sold, as this would produce an exact margin for each plate sold. She is very happy with the unique automatic referencing system and affirms that it will avoid any possible confusion between items, which is what she wanted. She is happy with how she is able to sell items efficiently without having to worry about updating the inventory after every sale, and finds the data produced about the gross margins of every individual item after each sale, in a FIFO manner, very useful. She is very satisfied with how she can use the main page to see all the information about the inventory per item, as well as the Sales Page. Moreover, she likes that you can see the items in detail through the View All Plates pages. She claims filter searching per field and sorting to be “really useful” when looking through the inventory and sales, something she could not do before. The calculation of Profit and Revenue are done as the client had asked, and she is also satisfied with the PDF report which can be created with the program, and likes the fact that the items can be ordered in a specific manner. Moreover, she finds the fact that you can print the Sales between two given dates extremely useful. The client would have liked the saving function to have been automatic rather than manual. As she doesn’t want to have to rely on herself to save her work during her work sessions, so there is room for improvement in this aspect. Nevertheless, all saved work is re-loaded so you can continue to work from where you left off.

Criteria for Success	Met?
Create GUI based desktop application	Yes
Must be able to add items to the stock <ul style="list-style-type: none">• Must be able to input a brief description of the item• Must be able to input the number of items being added• Must be able to input the price at which these items were bought• Must be able to input the price at point of sale• Must be able to upload a picture of the item• Must be able to input location where the items were bought	Yes
Must have a functioning reference system which differentiates all the different items	Yes
Must be able to delete (sell) items from the stock by giving: <ul style="list-style-type: none">• Reference• Number of items sold• Price at which they are sold	Yes
Must have a table where you can see the reference of the items, the description, the number of items, the average price at which it was bought, search for specific items within the inventory by using the descriptions, and sort the table according to cost, price, stock, and so on.	Yes

Must have a table where we can see the sales we have made the average price at which every item is sold, as well as how many have been sold.	Yes
Must be able to know the total cost of goods in the inventory, and total amount of sales and profit made	Yes
Must be able to print out some sort of report, containing the inventory which can be sent by e-mail.	Yes
Saves data about inventory locally, and saves and updates any changes made to the inventory automatically.	Partially
Must re-load saved data when opened.	Yes

Recommendations for Further Development

For future developments of this program, the storage of data on an online SQL database would be great for this product, as it would enable more than one person to update the database, or more than one device to update it. This would also make the data more secure, as if the computer in which the inventory was saved were to be harmed or inaccessible for any reason, the inventory would not be lost. On top of this, there should be a function to calculate and produce a report for the taxes on the profits you have made, in order to easily declare these. Furthermore, there should be a record of clients, which allows you to see every client individually, and which produce discounts on future items, depending on the existing purchase legacy of the client.

Word Count: 474