Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Find Client	Agree Client collaboration	7 days	18/06/2017	A
2	Write up interview	To have the best questions possible in order to get as much information from the client as possible. (About previous system and new system)	1 day	22/06/2017	A
3	Interview Client	Detail about current system, limitations of current system, what the Client wanted.	1 day	25/06/2017	A
4	Write up Scenario, Rationale and Criteria for Success.	Describe the situation of my client i.e. her existing program and its limitations. Then describe what the best way of solving the problem was, and setting goals for the new program according to the Client's needs.	4 days	30/06/2017	A
5	Outline wireframe design of GUI for project	Outline the structure of the program in terms of pages. Outline the GUI setup of each page, and the	7 days	01/09/2017	B

		functions that will be available in each page.			
6	Record of tasks	Initial planning for project. Time management and task organization	N/A	N/A (Ongoing)	B
7	Detailed design	UML diagrams of all classes, algorithms, data structures, input and output, saving	15 days	30/10/2017	B
8	Test Plan	Test 'Criteria for Success', and make sure existing plan fulfills all the Client's need.	3 days	03/11/2017	B
9	Revise design with Client	Make sure all features are included in the design,	1 day	03/11/2017	B
10	Build GUI	Develop the visual part of the program, in order to start to develop it.	4 days	08/11/2017	C
11	Develop Databases	Make different databases needed, in order to be able to store inputted data.	7 days	20/11/2017	C
12	Input and Output	Develop algorithms and methods to handle inputted data, and to display and output data from the program.	20 days	15/12/2017	C
13	Saving Feature	Make sure the data can be saved and	7 days	31/12/2017	C

		stored for use afterwards.			
14	Print Feature	Develop algorithms to print out the inventory and sales databases in a PDF format.	9 days	15/01/2018	C
15	Test Usage	Test full usage of program (Criteria for Success) and fix any present bugs.	7 days	31/01/2018	C
16	Write Plan for Video	Determine the different steps to demonstrate the functionality of my program	3 days	08/02/2018	D
17	Make Video	Screen record my computer screen and my voice and follow my plan to show how my program works.	1 day	15/02/2018	D
18	Interview Client	Interview Client to see how he feels I have completed the Criteria for Success set out at the beginning.	1 day	01/03/2018	E
19	Evaluation of product	Evaluate your product based on the feedback your interview has given you, and how thoroughly your program completed the success criteria set out at the beginning	4 days	23/03/2018	E
20	Recommendations for the future	Recommend some additional features	4 days	23/03/2018	E

	development of the product	that the program could have or that could be improved for further development and increased functionality of the program.			

Criterion B: Test Plan

Criteria for Success	Method
Create GUI based desktop application	Show program opening from the desktop, and then making sure to show all the GUI pages whilst showing the rest of the program.
Must be able to add items to the stock • 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	Try to add an actual item, with a description, the number of items, the cost of these items, an image of the items, and the location where they will be stored. Will also try to input data that does not match the type of data asked for. For example, trying to put the description where it asks for the number of items.
Must have a functioning reference system which differentiates all the different items	Show that when a new item is created, a new reference is automatically created, in order for it not to be confused with other items, and that all references are distinct
Must be able to delete (sell) items from the stock by giving: • Reference • Number of items sold • Price at which they are sold	Show how you can search for the item through the reference, or description, and then sell a certain amount of these items, and input the price at which they were sold. Test data validation.
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.	Show the Main Page with the inventory, and all the items within the inventory, show how the search bar filters the items in the table by typing in the description of an item, and show how they can be sorted by using the comboBox. Show the View All Plates where you can see the inventory in detail.

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.	Show Sales page, which shows all the items that have been sold and how many have been sold. Show the View All Plates where you can see these sales in detail for every item.
Must be able to know the total cost of goods in the inventory, and total amount of sales and profit made	Show how the numbers on the bottom of the sales page update as you make changes to the inventory/sales.
Must be able to print out some sort of report, containing the inventory which can be sent by e-mail.	Show the Print functions for the inventory and the sales with different numbers of items as well as the Full inventory/sales function.
Saves data about inventory locally, and saves and updates any changes made to the inventory automatically.	Show how you can save the data, and show the .txt file where they are saved before and after you click save
Must re-load saved data when opened.	Quit the application and re-open it to see how the data is still available after quiting and re-starting the application.