Criterion B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimate	Target Completion Date	Criterion
1	E-mail my client about creating a software to help him with grade 12 Science.	Receiving feedback from the client about the idea for the software	10 mins	10/23/16	A
2	Finalize the features that will be available in the program with the client	Develop a set of success criteria	20 mins	10/24/16	A
3	Create Design ideas for GUI and flowchart the main processes of the program	To work on solidifying the design and to plan the logic for each of the main functions	8 Hours	10/27/16	B
4	Create a test plan on which the program functions will be checked	A set of clear methods to test that all functions of the program work as intended	1 Hour	10/28/16	B
5	Create a UML diagram to visually represent and design the exact functions of each of the classes	A plan to effectively distribute the program in to specific class and effectively create an object-oriented software	1 Hour	10/28/16	B
6	Develop a method to store and input formulas	A method that is able to effectively store formulas in memory and read them into the program on start-up	4 Hours	10/29/16	C
7	Develop a method to calculate answers based on user input	A method that takes user values for formula variables and calculates the answer	2 Hours	10/30/16	C
8	Develop a method to parse unbalanced chemical equations	A method that parses user inputted unbalanced chemical equation to represent the number of occurrences of each	6 Hours	11/1/16	C

		element in each term			
9	Develop a method to balance the chemical equation	A method that calculates the coefficients of each term to successfully balances the inputted chemical equation	10 Hours	11/4/16	C
10	Develop a method to Sort the list of constants and formulas alphabetically	A method that bubble sorts the list alphabetically	2 Hours	11/5/16	C
11	Develop a method to filter a list based on user input	A method to create a search bar to filter the lists of formulas or constants	1 Hours	11/6/16	C
12	Develop an efficient GUI with windows for each of the functions	A GUI that incorporates all the functions the client asked for and is easy to use	6 Hours	11/8/16	C
13	Email client with first prototype	Receive feedback to make changes and adjustments	10 mins	11/9/16	A, Appendix
14	Update Test Plan	Adjust test plan to incorporate new criteria	1 hour	11/10/16	B
15	Update UML	Adjust UML to incorporate new functions	1 hour	11/10/16	B
16	Develop new methods or classes required by the feedback receive from client	A final product that can be sent to client	6 hours	11/12/16	C
17	Document sources used during development	To document external sources used for developing the product	2 hours	11/13/16	C
18	Create a script for the video	A script including an explanation of the features of the program and how they meet the success criteria	5 hours	11/15/16	D

19	Record the video using the script	A video that demonstrates the functions of the program and the how they meet the success criteria	3 hours	11/16/16	D
20	Edit and export the video	To add captions referencing the different criteria the program meets and export the video into a commonly used format	3 hours	11/18/16	D
21	Evaluate the program	A document that evaluates the accomplishments, lack luster departments and future development opportunities of the program	6 hours	11/19/16	E
22	Install software for client	Deliver a final version of the program to the client for use	2 hours	11/20/16	C