

Criterion B: Record Of Tasks

Task Number	Planned Action	Planned outcome	Time estimate	Target completion	Criterion
1	Ask my Physics teacher for any issues in teaching the class	Have an idea of program that solves the client's issue	20 min	10/06/2021	A, Appendix
2	Discussion with my supervisor	Idea approved	15 min	11/06/2021	A, Appendix
3	Contact my client about features required in the program	Create success criteria	30 min	14/06/2021	A, Appendix
4	Research about different programming languages	Figure out the most suitable language to program the solution	1 hour	18/06/2021	A
5	Research for similar programs online	Figure out the unique, useful features to add to the program	1 hour	25/06/2021	A, Appendix
6	Make a potential programing design by sketching it on paper	Come up with visual design of the program	1.5 hours	30/06/2021	B
7	Construct flowcharts for the main processes	A plan on how to reach each success criterion successfully	2 hours	5/07/2021	B
8	Construct a UML diagram for the program	Identify potential classes, functions that will be used in the program	1 hour	8/07/2021	B
9	Code the main shapes and form of the GUI	Have the base (outline) of the GUI coded	7 hours	15/07/2021	C
10	Code the main functions of the program	Make the program, canvas function	30 hours	30/07/2021	C
11	Meet with the client 3 rd time to show the product	Receive feedback from the client	20 min	01/08/2021	Appendix
12	Use client's feedback to fix, add more features to the program	Fit the program further for the client's needs	2 hours	04/08/2021	C

13	Meet with the client 4 th time to show the changes	Receive an approval for the final product	20 min	05/08/2021	Appendix
14	Record the video of the final product	Video of the final program recorded	2 hours	10/08/2021	D
15	Edit the video	Add subtitles for the success criteria, time stamps in the video introduction	1 hour	12/08/2021	D
16	Final meeting with the client	Showing the client how to use the program, and provide him the video of the final product	20 min	13/08/2021	Appendix
17	Evaluate the program	Check if all success criteria were met	1 hour	18/08/2021	E
18	Reflect on the program	Identify areas to improve if programming the same program in the future	1 hour	20/08/2021	E
19	Finalize the documents	Finalize the documents into the right format, ready to be sent to the IBIS	3 hours	25/08/2021	A, B, C, D, E, Appendix