

## Criterion B: Record of tasks

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Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Brainstorming of project ideas		2 days	30 <sup>th</sup> October	A
2	Consult with the client	Decide on the making of the project	10 minutes	2 <sup>nd</sup> November	A
3	Discuss with the client in detail the functionality of the program	Make a list of the main features the program should have	30 minutes	3 <sup>rd</sup> November	A
4	Learn about neural network programs and the Keras, Tensorflow, and GUI Tkinter libraries		2-3 hours	20 <sup>th</sup> November	A

5	Define the program's success criteria and consult them with both the client and Computer Science teacher		40 minutes	10 <sup>th</sup> December	A
6	Design flowcharts and UML diagrams of the program		30 minutes	15 <sup>th</sup> December	B
7	Begin documenting Criterion A			15 <sup>th</sup> December	A
8	Consult the neural network's design with the client	Get feedback about the architecture of the network	20 minutes	20 <sup>th</sup> December	B
9	Begin working on documentation of Criterion B			23 <sup>rd</sup> Decmeber	B

10	Write the first version of the program		2-3 hours	5 <sup>th</sup> January	C
11	Consult the results with the client and the Computer Science teacher	Get feedback on the first version of the program	20 minutes	10 <sup>th</sup> January	C
12	Complete the final version of the program		1-2 hours	30 <sup>th</sup> January	C
13	Begin working on documentation of Criterion C			5 <sup>th</sup> February	C
14	Record the program's functionality demonstration videos	Create videos explaining to the client how to use the product	15 minutes	10 <sup>th</sup> February	D
15	Hand the program over to the client	Enable the client to use the program for their purposes	20 minutes	20 <sup>th</sup> February	E

16	Get feedback from the client on the final version of the product	Note possible improvements that could be applied to the program in the future	15 minutes	25 <sup>th</sup> February	E
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## Test plan

Test number	Test	Target completion date
1	Incremental testing – used throughout the entire project to develop each module and function separately, gradually adding more code and correcting errors	Throughout the project
2	Unit testing – testing the low-level modules separately (in my case: the separate python files) and then the high-level modules (in my case: the ones included in the file containing the Main loop)	2 <sup>nd</sup> January
3	System testing – testing the entirety of the system	5 <sup>th</sup> January
4	Usability testing – after writing the initial version of the program, gather feedback from the user to improve the program	10 <sup>th</sup> January
5	Usability testing – having the final version of the program, gather feedback from the user on the potential future improvements to be done to the program	25 <sup>th</sup> February