

# Criterion B Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
1	Formal initiation of communication with client.	To find a time to discuss with the client about my ideas	15 minutes	16th of October 2021	A
2	Drafting of proposal	Write down what the problem I am identifying is, and how I plan to fix it	2 hours	20th of October 2021	A
3	Approval of concept and request for in person discussion	Ensure that I have a client, a good idea, and an in person discussion in the future to refine the scope of the project	15 minutes	21st of October 2021	A
4	Pencil sketch of the application's GUI	To create a basic idea of my application's GUI so that my client has a visualisation of said idea	30 minutes	23rd of October 2021	B
5	First in person discussion with client	To refine the scope of the project, along with the GUI design and	16 minutes, 43 seconds	25th of October 2021	A, B

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
6	Conversion of proposal to Criterion A	Create the Criterion A document	1.5 hours	7th of November	A
7	Creation of GUI design	To create clean, digital GUI designs to serve as a base for development	3 hours	27th of November	B
8	Creation of Structure Diagram	To create a structure diagram to support development	1 hour	29th of November	B
9	Creation of System Flowchart	To create a flowchart to provide a high-level perspective of the program's structure	45 minutes	30th of November	B
10	Learning of Swift	To learn the Swift programming language for use to create my final product	3 hours	23rd of January	C
11	Learning of Xcode's Interface Builder	To learn how to design graphical user interfaces	2 hours	23rd of January	C
13	Creation of UML Diagram	To create a UML diagram to provide a blueprint for the relationship between graph object classes when	2	7th of February	B

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
		coding			
14	Creation of Test Plan	To create a plan for testing the final product and ensure that it achieves the objectives that it was set out to achieve	1.5 hours	7th of February	B
15	Revision of Test Plan	To improve on the current test plan based on feedback given	1 hour	23rd of March	B
16	Learning of Constraints and understanding of Auto Layout system	To learn Constraints and the Auto Layout system in order to grasp how to create dynamic GUIs	5 hours	31rd of March	C
17	Learning of the Core Graphics library	To learn how to use low-level libraries designed for real-time drawing	4 hours	4th of April	C
18	Learning of NSEvent and other forms of capturing user interactions	To learn how to gain data on cursor and keyboard interactions	2 hours	10th of April	C

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
19	Expanded understanding of Storyboards	To better understand how to design GUIs in Xcode so that I can split up my GUI files into smaller files to increase modularity	3 hours	11th of April	C
20	Development of GUI design	To create the GUI via drag-and-drop design and programmatically define certain elements	1 week	25th of April	C
21	Programming Drawing Functions (excluding text)	To implement all drawing functions, excluding text	4 months	1st of June	C
22	Programming text functionality	To implement text functionality	4 months	6th of June	C
23	Creation of image output	To add the ability to export images as TIFF image files	2 days	7th of June	C
24	Client testing and discussion	To test the product with the client, and create discussion notes which are to reside within the appendix	1 day	13th of June	D, E

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
25	Recording the functionality of the program for Criterion D	To demonstrate the abilities of the application	1 day	15th of June	D
26	Final reflection and suggestion improvements writing	To reflect on the entire process and see what could have been done better	1 day	15th of June	E
27	Finalisation of IA	To finalise all all criterions and submit	1 week	16th of June	A, B, C, D, E

[Words not included in word count]