

## Criterion B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
1	Choosing a topic and thinking of a potential client.	Choosing a topic that interested me and one that would enable me to develop a feasible program.	1 week	February 19 2021	A
2	Discuss and consult my idea with my computer science teacher.	Get ideas approved by my teacher.	1 day	February 21 2021	A
3	Find an appropriate advisor/supervisor.	Finding a supervisor who has knowledge about math contests and math in general.	1 day	February 25 2021	A
4	Plan out my success criteria and finish documentation Criterion A.	Finished success criteria for Criterion A and finished all documentation for Criterion A.	1 day	February 28, 2021	A
5	Start planning out the specific design of my product.	Layed out a general outline of the design of my product	1 day	February 28, 2021	B
6	Work on diagrams and visual aids to lay the groundwork of the actual design.	Constructed a variety of diagrams and flowcharts to guide the development process.	1 day	February 28, 2021	B
7	Making a cohesive plan for the actual development of the product.	Made a cohesive plan, focusing on all the functionalities of the program and how they could theoretically be developed.	½ day	March 2, 2021	B
8	Develop a testing plan	Finished testing plan for testing the functionalities of each part of the program.	½ day	March 2, 2021	B
9	Work on writing the GUI code	Finished the GUI code for the menus	6 days	March 15, 2021	C

10	Do research on unknown concepts	Studied and researched about LinkedLists, Reading and Writing on Text Documents, additional GUI implementation	3 day	March 18, 2021	C
11	Work on developing the functionalities and tweaking design flaws	Finished writing the code for the basic functionalities and modified some parts of the design that were unfeasible.	2 days	March 20, 2021	B/C
12	Work on fixing bugs	Finished the debugging process and made sure all functionalities and GUI were working as intended.	½ day	March 22, 2021	C
13	Complete Development	Completely finished all of the development, adding in extra features to help with user friendliness and to make the program more robust.	1 day	March 23, 2021	C
14	Finish with writing up Criterion C	Finish the writing and explanation behind code for Criterion C.	1 day	March 24, 2021	C
16	Show the final product to advisor	Talked to the advisor to make sure the program meets all the desired goals.	½ day	March 25, 2021	E
17	Reflect on and evaluate the product	Complete Criterion E, writing about the possible improvements and extensions.	½ day	March 26, 2021	E
18	Making the video script and recording the video itself	Record the video, showcasing all of the features and functionalities of the product throughout.	½ day	March 27, 2021	D