Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Looked for a client	Found a person who has a problem and sought for a way for it to be fixed	3 hours	September 20th, 2019	A
2	Interviewed and discussed specific problems with client	Identified problems and issues that the client wants to be solved	40 mins	September 28th, 2019	A
3	Sought for teacher approval	Gained teacher approval for creating a product in the specified topic	30 mins	September 29th, 2019	A
4	Found advisor for topic	Found a person who can discuss and provide me with advice on improvements to the product	2 hours	September 30th, 2019	A
5	Identified success criteria	Identified all the success criteria that the end product must meet	1 hour	October 4th, 2019	A
6	Discussed improvements on success criteria with advisor	Understood the different areas in which I can improve my success criteria	1 hour	October 6th, 2019	A
7	Reviewed with client about overall success criteria	Gained client feedback on potential criteria that I missed or could be improved on	45 mins	October 8th, 2019	A
8	Added improvements on success criteria	Added improvements to the success criteria of the product	45 mins	October 8th, 2019	A
9	Created an overall algorithm for the product	Gained an algorithm that reflects the overall structure of the product	1.5 hours	October 12th, 2019	B

10	Identified database tables for product	Identified the different database tables that the precut will utilize and normalized them	1 hour	October 14th, 2019	B
11	Identified classes for product	Identified the different classes the product will utilize	1 hour	October 16th	B
12	Created UML's for each class that the product will utilize	Understood the overall layout for each class of the product	2.5 hours	October 20th	B
13	Reviewed with advisor about UML diagrams and classes	Understood and added improvements to the layouts of the classes.	1 hour	October 22nd, 2019	B
14	Planned overall GUI layout for the product	Gained structure for the GUI components of the product	50 mins	October 23rd, 2019	B
15	Created flow charts for complex algorithms	Understood and gained 3 flowcharts that represent some of the product complexity	3 hours	October 25th, 2019	B
16	Identified data structures that my product will utilize	Identified all the data structures that the product will make use of	1.2 hours	October 27th, 2019	B
17	Created a test plan for meeting the success criteria	Planned out measurable ways to evaluate each success criteria	45 mins	October 29th, 2019	B
18	Review with my advisor about my overall structure and test plan	Gain an understanding of ways I can improve my overall structure and test plan	1 hour	November 1st, 2019	B
19	Add improvements to my overall structure and test plan	Improve my structure and test plan based on advisor feedback	1 hour	November 2nd, 2019	B

20	Review with client about my overall structure and plan	Would gain an understanding of ways I can improve my overall structure and test plan	1 hour	November 4th, 2019	B
21	Add improvements to structure and test plan	Would have improved my structure and test plan based on client feedback	45 mins	November 4th, 2019	B
22	Implement GUI for the entire program	Will create all the GUI classes needed for the product based on previous planning	10 hours	November 10th, 2019	C
23	Create the database tables, and access	Would have all the database tables and classes to access it based on previous planning	8 hours	November 15th, 2019	C
24	Review GUI and database with the client	Have a better understanding of connecting and improving my GUI classes	1.5 hours	November 17th, 2019	C
25	Add improvements to the GUI and database classes	Use client feedback to improve GUI and database classes	1.5 hours	November 21st, 2019	C
26	Create and implement all the login classes of the product	Have all the login classes linked and created	7 hours	November 28th, 2019	C
27	Create and implement all the computation classes of the product	Have all the computation that the product must do be done, and test each class to make sure the computation is correct	17 hours	December 20th 2019	C
28	Review with the client about the login aspect of the program	Identify the improvements that could be made based on client feedback	40 mins	December 22nd, 2019	C

29	Add improvements to the log in of the program	Finalize improvements and changes to the log in classes of the program	1 hour	December 31st, 2019	C
30	Review computation classes of the program with the advisor	Identify the improvements that could be made based on advisor feedback	1.5 hours	January 2nd, 2020	C
31	Discuss computation classes with the client	Understand and make sure that the program is addressing all the computation the client requires	1.5 hours	January 5th, 2020	C
32	Add improvements to the computation classes of the product	Finalize and add any additional improvements to the computation classes based on feedback	3 hours	January 10th, 2020	C
33	Implement links and connections between the GUI and computation components	Allow for all the GUI and computation classes to be connected and work together	4 hours	January 17th, 2020	C
34	Review with advisor about any improvements	Test and review with the advisor if the program is working correctly and if improvements are needed	2 hours	January 24th, 2020	C
35	Discuss and test whether the product met success criteria with the client	Test the product with the client in order to see if it is meeting requirements	1.2 hours	January 28th, 2020	C
36	Review the extensibility of the product	Have a product that can be easily reused and edited by other developers	2 hours	February 1st, 2020	C, D
37	Implement overall improvements and finishing touches based on feedback	Product/ program should be completely done	1 hour	February 5th, 2020	C

38	Create and finish the documentation of the overall product	Documentation of the product should be completed	18 hours	March 1st, 2020	C
39	Help the client install/use the final product	Client should have the system installed so that they can use it	2 hours	March 5th, 2020	C
40	Create a video demonstrating how the product works, and the success criteria it meets	Have a completed video indicating the use of the program and the success criteria met	4 hours	March 12th, 2020	D
41	Meet with the client to discuss overall use and feedback on product	Gain a better understanding on how this product did, and how it can be improved in future versions based on client feedback	1.5 hours	March 15th, 2020	E
42	Write an evaluation of the product based on self reflection and client feedback	Have a completed evaluation that reflects the success criteria of the product	5 hours	March 25th, 2020	E
43	Discuss the future improvements and implications of the product	Understand ways in which this product could be furthered in the future based on client feedback	4 hours	April 3rd, 2020	E