Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Computer Science teacher discussed IA introduction	To find a client for whom I could develop the product.	1 hour	Jan 20th 2022	A
2	Find the client & discuss with the client	Get an overall knowledge of the issue that needs to be solved	2 days	Jan 25th 2022	A
3	Consult with Computer Science teacher on the IA topic	Confirm on the idea after checking the feasibility.	1 hour	Feb 22th 2022	A
4	Conduct interview with the client	Have a holistic reference of the problem, produce a recording as an appendix for the IA	1 hour	Feb 24th 2022	A
5	Finish writing Problem Definition, Rationale and Success Criteria	Get a first draft on the planning stage of the project to check with the client	4 hours	Feb 24th 2022	A
6	Re-check with the client especially on the success criteria, modify Criteria A	Make sure that the system could enter the design stage	30 minutes	Feb 25th 2022	A
7	Formulate ideas for the different GUIs, draw out raw connections and links between the GUIs	Have a fundamental idea on the project	7 days	Mar 10th 2022	B

8	Design and draw GUIs	Set a framework of the physical appearances of the GUIs included in this system	4 days	Mar 20th 2022	B
9	Construct Flowcharts on the logistics of the different GUIs	Set a framework of the functions and logistics that different GUIs would perform	5 days	Mar 25th 2022	B
10	Draw Overall Design Ideas	Give an overall view of how the different GUIs are related, having a clearer recognition of the system design	2 days	Mar 28th 2022	B
11	Layout the database tables and plan to evaluate the success criteria	Get deeper with the designing part, know about the needed datasets and procedures to evaluate the final product	5 hours	Mar 30th 2022	B
12	Second discussion with client	Update on the progress, check if the designing parts are fitting the requirements	1 hour	Apr 2rd 2022	B
13	Finish the first part of Criteria B	The part for basic design is finished and the project could move on to coding part. The rest of Criteria B would mainly be for user manuals.	1 day	Apr 3rd 2022	B
13	Start constructing GUIs as designed, code	Initiate the coding part of the system, start with the login	2 days	Apr 21st 2022	C

	the login procedures, and establish the databases specified	windows and logistics only			
14	Annotated GUIs and more descriptions	Increased explanations on the functions of different GUIs and their relevant buttons, giving the client a	6 days	May 1st 2022	B
15	Data Flow Diagrams and UML Diagrams	Give users a more elaborate showcase of the logistics and the flows of data in the system	5 days	May 8th 2022	B
16	System Flowchart Design	Have an overall flowchart that shows the logic of the whole system	2 days	May 11th 2022	B
18	Start coding the members' window (and its relevant displaced GUIs)	Linking the buttons to the GUIs and the corresponding logistics in a club member's page	3 days	May 15th 2022	C
19	Start coding the team leaders' window (and its relevant displaced GUIs)	Linking the buttons to the GUIs and the corresponding logistics in a club leader's page	5 days	May 25th 2022	C
20	Start coding the administrator's window (and its relevant displaced GUIs)	Linking the buttons to the GUIs and the corresponding logistics in a club administrator's page – take longer time because more accesses (also more GUIs and logistics)	7 days	May 31st 2022	C

		are given to an administrator			
21	Work on the Documentation of Criteria C	Documenting the source code of the existing GUIs	1 day	June 2nd 2022	C
23	Write Criteria C-first draft	The first draft is written to give an overall structure of the final draft and to see the number of techniques that the program has used	3 days	June 5th 2022	C
24	Finish coding the members' window and its relevant GUIs	Finish off with the coding of the members' window	5 days	June 12th 2022	C
25	Finish coding the leaders' window and its relevant GUIs	Finish off with the coding of the leader' window	5 days	June 30th 2022	C
26	Finish coding the administrator's window and its relevant GUIs	Finish off with the coding of the administrator's window	5 days	July 10th 2022	C
24	Revise and update the relevant designs in Criteria B	See if there are any additional buttons/variables that were overlooked when writing Criteria B	3 days	July 15th 2022	B
22	Testing and Debugging of the system	Using unit testing to see if the different GUIs can perform their given tasks, and integration testing to see if the GUIs can relate to each other as desired	3 days	July 20th 2022	C

25	Check the program with the success criteria and make corresponding improvements	See if the program could satisfy all the criteria	2 days	August 6th 2022	C
26	Carry out alpha testing, unit testing, and integration testing	Ensure the system is functioning as expected through running all the GUIs and test their connectivity	5 days	August 14th 2022	C
27	Update Criteria C and its documentation	Make final draft of Criteria C and the source code documentation	3 days	August 20th 2022	C
28	Record the video in explaining the system and how the system satisfies the success criteria	/	3 days	August 26th 2022	D
29	Send the final product to the client	To carry out user acceptance testing and make sure that Kelly is satisfied with the system	1 week	September 15th 2022	C, E
30	Final interview with the client	Take notes of the different potential improvements that could be done to the existing system	1 day	September 25th 2022	E
31	Write the evaluation of the product	Summarize the client's evaluation and explain the advantages and improvements in a way that are practical and	3 days	September 30th 2022	E

		substantial with evidence			
32	Final adjustments to the documentation	Recheck format, see if there are any misalignments, improve and change some of the bad phrasings, and make title page	1.5 months	25th November 2022	A, B, C, D, E