Criterion B: Record Of Tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Indentifying a problem and thereby a potential client	Succesfully identify a problem someone is facing that can be solved by knowledge in Computer Science	1h	20/08/2020	A
2	Talk to the potential client	More information on the problem the person is facing is found and it is proposed that I can develop a software to help	1h	22/08/2020	A
3	Consult the Advisor	Approval of the proposed solution is given by the advisor alongside confirming its feasibility	1h	23/08/2020	A
4	Interview with Client	The various requirements the client has is discussed as well as what the client expects from the software	1h	25/08/2020	A
5	Set up Success Criteria	Based on the problem and the requirements specified by the client, the success criteria is designed	2h	28/08/2020	A
6	Write Criterion A	Finish Criterion A	2h	06/09/2020	A
7	Plan the implementation of proposed solution	How will the software be able to achieve the proposed solution	2h	10/09/2020	B
8	Design Process Flowcharts and	Process flowcharts for main	3h	13/09/2020	B

	UML Diagrams	features/functions and UML diagrams for main classes			
9	Sketches of GUI	An overview of the GUI design made on paper	3h	16/09/2020	B
10	Talk to the Client about the GUI Design	The client gives feedback on the proposed UI deisgn for the program	30min	20/09/2020	B
11	Write Criterion B	Finish Criterion B	2h	25/09/2020	B
12	Create the login and signup user interface	All the GUI elements such as buttons, menu bars, etc. are created	1h	10/10/2020	C
13	Create the user interface for the main menu as well as for all the features of the program	A main menu is created which is easy to navigate, sub-menu/feature of the program also has UI elements	2h	15/10/2020	C
14	Connect the application to a SQLite Database	A database is created using SQLite for keeping record of user info. inclusing username and password	1h	16/10/2020	C
15	Add login and signup functionality to the UI created previously	A new user can be created and the user can login to the application. It is also possible to create multiple users. The user info. is stored in the database created previously (passwords stored as hashes)	3h	18/10/2020	C
16	Program a template spreadsheet	Using the openpyxl library for Python, a template	2h	20/10/2020	C

		spreadsheet is created to store attendance records (to be used when creating new records)			
17	Add create, view, edit and delete record functionality to the program	The user is able to create a record, view any record, edit any record or delete a record using the UI created previously. The user is only able to view, edit, delete records that belong to them and not any other user	4h	25/10/2020	C
18	Program a way to search records	The user can search for records created by the user (not by any other users) through the UI of the application	1h	28/10/2020	C
19	Add recent searches feature	The user is able to view recent searches made by the user	1h	29/10/2020	C
20	Code a feature that encrypts attendance records	The attendance records of a user (in a spreadsheet) stored locally is encrypted so that only the user can access the records and only through the UI created previously	1h	2/11/2020	C
21	Write Criterion C	Finish Criterion C	4h	15/11/2020	C
22	Interview with Client along with the prototype	Receive feedback on the application from the client based on the prototype presented	1h	20/11/2020	D

23	Slight Improvements	Based on the feedback from the client, changes are made to the program	1h	5/12/2020	D
24	Prepare a video	A video is prepared showcasing the application and its features	3h	3/1/2021	D
25	Write Criterion E	Finish Criterion E	1h	15/1/2021	E
26	Final Review	The entirety of the IA from Criterion A to E alongwith the application is rechecked for potential errors	2h	28/1/2021	E