

Criterion B: Record of Tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1.	Discussion with my advisor (computer science teacher) about possible ideas for the project.	Discussing different programming languages and database options to gain insights on all possible topics.	2 days	20 June, 2020	A
2.	Contact the future client.	Discuss the problems faced by the client in his workspace.	1 day	25 June, 2020	A
3.	Elaborate discussion with the client about the details of required software.	Outlining the specific requirements of the client in order to come up with a solution.	1 day	27 June, 2020	A
4.	Discuss the idea for solution with computer science teacher.	Finalizing Java as the programming language to be used.	2 days	30 June, 2020	A
5.	Meeting with the client to refine the proposed solution.	Some ideas to be modified or eliminated from the solution as they were beyond the scope of Java.	4 days	7 July, 2020	A
6.	Research database options that can be easily connected to a Java program.	MySQL was chosen as the platform to create the database and XAMPP was chosen as the hosting service	2 days	11 July, 2020	A

		because it is open source and free to use.			
7.	Create a schedule to complete the project.	Fixing a timetable to keep track of progress.	1 day	14 July, 2020	B
8.	Define the success criteria and get it approved by the client and advisor.	Update the success criteria after receiving feedback from advisor and client.	4 days	19 July, 2020	A
9.	Finish documenting the scenario, rationale and success criteria	Get everything approved by the advisor before finishing	2 days	21 July, 2020	A
10.	Design UML diagrams for the classes and their relationships	Lay out the required classes and the variables and methods	5 days	1 August, 2020	B
11.	Create prototype interfaces (without any functionality)	Design different interfaces for user and admin and the required functionalities	4 days	5 August, 2020	B
12.	Seek client's feedback on the prototype interfaces	Update the designs after client feedback	3 days	9 August,2020	B
13.	Work on algorithms to develop the logic for the functionalities required	Understanding the required logic and developing flowcharts and pseudocodes to understand process flow	1 week	17 August, 2020	B
14.	Develop a plan to test the product	Meeting the success criteria	3 days	20 August,2020	B

		by testing the product			
15.	Design the database to be used	Create all the required tables	2 days	23 August, 2020	B
16.	Start working on the development of the product and keep testing the product to ensure that everything works perfectly	Create all the fields in the data base and begin the coding process	2 months	25 October, 2020	C
17.	Meeting with the client	Clarify some of the required functionalities and get modifications approved	2 days	27 October, 2020	C
18.	Draft of the product shown to the client	Get feedback and make necessary changes	5 days	7 November,2020	C
19.	Train the receptionist on how to use the software efficiently		1 day	9 November, 2020	C
20.	Handing over the software to the client for alpha testing	The software was provided to the client so that he can test it for a week and report any bugs or minor errors	1 week	10 November,2020	C
21.	Update the product after fixing the errors	Several bugs were found, especially in the bill generation which were fixed	2 weeks	29 November,2020	C
22.	Document the design and		1 week	9 December,2020	B/C

	development of the product				
23.	Creating the product final folder and handover the file to client for daily use	Installing the product in the two required computers, at the reception and at the director's office and receive feedback	1 day	14 December,2020	E
24.	Final meeting with client for feedback	Discuss future possibilities on expanding the product and feedback based on the success criteria	2 days	17 December,2020	E
25.	Meeting with computer science teacher (advisor) to discuss the Java code	Note down suggestions for improving the quality of code in the future	3 days	24 December,2020	E
26.	Document all the feedback and evaluation	Reflect on how the product could have been improved and future possibilities for expanding functionalities	3 days	29 December,2020	E
27.	Record product demonstration video.	To protect the anonymity of the client's patients, actual details should not be shown in the product demonstration.	1 day	2 January,2020	D