

Criterion B: Record of Tasks

Task No.	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criterion
1.	First Meeting with Client	Brief conversation with client, deciding scope for issue	3 hours	06/06/20	A
2.	Discuss idea with teacher	Decide if plan is feasible	1 day	06/07/20	A
3.	Second Meeting with Client	Clarifying the specific details of the application.	1 week	06/14/20	A
4.	Learn the concepts required to develop this program	The programming language Python and Machine Learning concepts are not covered in the IB portion for computer science but is required for the product so I had to learn it.	1 month	07/13/20	
4.	Make a schedule for the project and outline the development process.		1 day	07/15/20	A
5.	Discuss the success criteria with the client and finalize it after discussing with the computer science teacher.		2 days	07/17/20	A

6.	Data Collection	Collect required data of colleges based on the list of colleges provided by the client and format the data	2 weeks	08/01/20	B
7.	Begin working on the algorithms for the task		1 week	08/08/20	B
8.	Create process flowchart	Entire product is planned out in detail for clear presentation	4 days	08/12/20	B
9..	Discuss GUI Screen design with client	Receive feedback, make updates and finalise design before creation	2 days	08/14/20	B
10.	Begin documenting of Criterion B	Begin and complete the first draft of Criterion B.	4 days	08/18/20	B
11.	Install PyCharm and required python libraries	Ensure software is successfully downloaded without errors before	4 days	08/22/20	C
12.	Begin working on the backend code for the application	Collect required data of colleges based on the list of colleges provided by the client	3 weeks	09/12/20	C
13.	Begin development of the GUI of the application	Product is working as expected from design and details are secure	2 weeks	09/26/20	C

14.	Contact the client	Get feedback and make the necessary modifications to the product	3 days	09/28/20	C
16.	Interim demo of the product to the client	Get feedback from the client and make the modifications required.	1 week	10/04/20	C
17.	Implement the modifications		2 weeks	10/18/20	C
18.	Unit testing and system testing		1 week	10/25/20	C
19.	Attempt to debug the code and fix the problems.		1 week	11/02/20	C
20.	Begin working on the documentation of Criterion C		1 week	11/09/20	C
21.	Application deployment and creation of executable files for backend and GUI		1 week	11/16/20	C
22.	User Testing of the product	List of changes to the existing system	3 days	11/19/20	C, E
24.	Discussion with the client for further recommendation on the product	List of additional functionalities for the product	1 week	11/28/20	E
25.	Product demonstration video produced		1 day	11/29/20	D

26	Final check of the code for the required annotations	Final annotated code	1 day	11/30/20	C
26.	Cover Page created		1 day	12/04/20	E
27.	Implementation of the application for client's use and user training		3 days	12/10/20	E