

Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Discussion with Comp Sci teacher (advisor)	Informing advisor of the idea I was going to explore	1 day	8 th September 2021	A
2	Discussion with client to identify problem	To understand the client's problems and come up with preliminary solutions	1 day	9 th September 2021	A
3	Brainstorming with advisor for a solution	Developing a solution to propose to the client	2 days	10 th September 2021	B
4	Discussing proposed solution with client	Ensuring solution meets client requirements and getting feedback	1 day	12 th September 2021	A
5	Reformulating product with advisor	To perfect the proposed solution with client feedback	1 day	13 th September 2021	B
6	Final confirmation meeting with client	Double checking requirements with the client	1 day	14 th September 2021	A
7	Learning React JS and firebase development	React JS and firebase are not covered in the IB syllabus so I taught myself how to use it through YouTube	1 Month	15 th September 2021	B
8	Developing app data structure	Deciding between user centric and position centric data structure	3 days	15 th October 2021	B
9	Determining success criteria		2 days	18 th October 2021	
10	Deciding between props and state management	Using a universal state that all components access or sending information	3 days	20 th October 2021	B

		between component hierarchies			
11	Selecting suitable implementation of authentication	Using universal state that each component must check or using a rerouting protocol to deny access	3 days	23 rd October 2021	B
12	Learning Bootstrap	Has GUI components which significantly simplified interface development	2 weeks	26 th October 2021	B
13	Developing authentication system		3 weeks	8 th November 2021	C
14	Developing home page		1 month	29 th November 2021	C
15	Developing add page		2 weeks	29 th December 2021	C
16	Developing edit page		1 week	12 th January 2022	C
17	Combining pages with react router	Using a routing library to direct users between different components	4 days	19 th January 2022	C
18	Verifying accomplishment of success criteria		1 day	23 rd January 2022	C
19	Demonstrating finished product to advisor	Getting the advisor's feedback on the application and the extent it meets the requirements to	1 day	24 th January 2022	D
20	Showing advisor revised product	Ensuring that all the advisor feedback is met	1 day	25 th January 2022	E
21	Alpha testing the product	Using the best of my knowledge to test all possible data that can be	6 days	26 th January 2022	C

		entered to verify that the program functions properly			
22	Giving the client the product for beta testing	Creating production build that the client could use on their device and test the product with	2 weeks	1 st February 2022	E
23	Taking feedback from the client	Learning what changes need to be made before finally submitting the product	1 day	15 th February 2022	E
24	Implementing client feedback		5 days	16 th February 2022	C
25	Recording product demonstration video		1 day	21 st February 2022	D
26	Giving client the final product		1 day	22 nd February 2022	D