

### Criterion B: Record of tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
IA problem/solution planning (1)	Complete problem/solution planning and confirm the choice by completing the Google form sheet.	Completed problem/solution planning and confirmed choice by completing Google form sheet.	45-60 mins	1/31	Criterion A
Interviewing client (2)	Finish the interview with clients and get all questions answered. Take note of what client references	Finished the interview with clients and got all questions answered. Took note of what the client referenced	30 mins	2/3	Criterion A
Create proposed solution (3)	Finish creating the proposed solution and begin creating success criteria for the IA	Finished creating the proposed solution and creating success criteria for the IA	60 mins	2/5	Criterion A
Create Criterion A (4)	Finish Criterion A creation and confirm the plan I want to pursue for this IA	Finished Criterion A creation and confirmed the plan I wanted to pursue for this IA	45-60 mins	2/7	Criterion A
Plan on constructing the design/prototype overview (5)	Meet all requirements and finish planning design overview. Review and submit Criterion A	Met all requirements and finished planning design overview. Reviewed and submitted Criterion A	150 mins	2/10	Criterion A
Begin constructing the design/prototype overview (6)	Finish constructing the design/prototype overview	Finished constructing the design/prototype overview	240 mins	2/11	Criterion B

1 <sup>st</sup> draft of criterion B (7)	Focused on creating flow charts and uml diagrams	Reviewed and submitted criterion B	180 mins	2/12	Criterion B
Installation and development requirements/tools (8)	I was going to begin the installation process for software, languages, and apps I was going to use for the development. Also, create files for storing data and then set up the software	Completed the installation process for software, languages, and apps I was going to use for the development. created files for storing data and setting up the software	120 mins	2/14	Criterion C
IA learning for new programming languages (9)	Begin self-teaching how to write code using the new programming languages	Began self-teaching how to write code using the new programming languages	360 mins	2/27 (1 week winter break)	Criterion C
Work on firebase integration for my sign-up and sign-in pages (10)	Begin creating 1 <sup>st</sup> draft for Criterion C while learning how to use the new programming languages together. Debugging and keep coding my sign-up and sign-in pages with Firebase integration.	Began creating 1 <sup>st</sup> draft for Criterion C while learning how to use the new programming languages together. Created my signup page for my website using html, css, javascript	360 mins	3/3	Criterion C
Learn how to integrate firebase and use authentication to ensure security within saving user data like username and passwords. (11)	Research how to implement complex data structures like databases into a program that can store user information when they sign up and need to sign back in. Begin creating 2 <sup>nd</sup> draft for criterion C as you learn. Refer back to Criterion A and B to see the next steps for what needs to be completed for the rest of the website.	Researched how to implement complex data structures like databases into a program that could store user information when they signed up and needed to sign back in. Began creating 2 <sup>nd</sup> draft for criterion C as I was learning. Looked at Criteria A and B to help guide me in	240 mins	3/10	Criterion C

	Submit Criterion C	organizing the website. Submitted Criterion C.			
Debug employment opportunities web page to ensure accurate generation of results. (12)	Create all the other web pages and implement the databases that are required for the program to function according to the requirements of IB. Ensure that the program connects all aspects of programming and data structures accurately while testing positive and negative test cases.	Created all the other web pages and implemented the databases that were required for the program to function according to the requirements of IB. Ensured that the program connected all aspects of programming and data structures accurately while testing positive and negative test cases.	360 mins	3/19	Criterion C
Organize my notes and presentation for my video demonstration of my program. (13)	Create my video after I completely debug the program and am confident that my program is fully functional and complete for me to record the video demonstrating my learning and development.	Created my Criterion D after I completely debugged the program and was confident that my program was fully functional and complete for me to record the video demonstrating my learning and development.	60 mins	3/20	Criterion D
Conduct evaluation with my advisor and client to propose future improvements through received feedback. (14)	Complete the draft for Criterion E by ensuring to document the effectiveness of the product based on collected feedback from both the advisor and client. Additionally, ensure that future improvement plans are listed for potential learning opportunities in the future.	Completed the draft for Criterion E by ensuring to document the effectiveness of the product based on collected feedback from both the advisor and client. Additionally, ensured that future improvement plans were listed for	120 mins	3/22	Criterion E

		potential learning opportunities in the future.			
Final draft for all criteria and submission. (15)	Check all the rubrics provided by IB and Mrs.Sakthikumar to ensure that points are not missed unnecessarily. Find ways to improve the program since time permits and ensure all requirements according to the rubric are met.	Checked all the rubrics provided by IB and Mrs.Sakthikumar to ensure that points were not missed unnecessarily. Found ways to improve the program since time permitted and ensured all requirements according to the rubric were met.	120 mins	3/25	Criterion A, B, C, D, E

Total Time:  
41.5 HOURS