

## Criterion B: Record of Tasks

Table 1: Record of tasks

Task No.	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criteria
1	Initial Discussion with Computer Science Teacher	Approval of idea by teacher	1 hour	November 8th 2023	A
2	Initial Interview with Client - Krupali Kavle	Discussed my client's fundamental requirements for the system.	1 hour	November 10th 2023	A
3	Informal discussion with client about specific requirements	I got better clarity about the functioning of my client's business, what features should be incorporated into the system, and other requirements.	1 hour	December 1st 2023	A
4	Drafting description of the problem, rationale, success criteria.	Drafted a Criterion A document which was to be approved by the client and teacher	2 hour	December 10th 2023	A
5	Discussion with teacher for Criterion A feedback.	Criterion A document was approved by the teacher with feedback and minor changes.	1 hour	January 10th 2024	A
6	Outlined entities and relations, created flowchart, proposed queries.	Drafted a Criterion B document which was to be approved by the client and teacher.	2 hours	May 17th 2024	B
7	Designed system interface flowcharts, and algorithm flowcharts for key algorithms.		3 hours	May 17th 2024	B
8	Prepared Tables for Proposed Forms and Proposed Reports, and prepared user interface mockups for the same.		5 hours	May 18th 2024	B
9	Prepared Test Plan Table excluding the "Actual Outcome" and "Test Status" columns.		1 hour	May 19th 2024	B
10	Discussion with teacher	To receive feedback and incorporate improvements into my Criterion B document (mockups, forms, reports)	1 hour	May 20th 2024	B
11	Discussion with Client		1 hour	May 25th 2024	B
12	Implementing Feedback		1 hour	May 25th 2024	B
13	Learnt how to integrate SwiftData Database with my app via online lectures and documentation.	To learn a new database framework that would allow me to create a suitable database structure for my client's app.	19 days	July 28th 2024	C

Task No.	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criteria
14	Product Development Process	Developing all parts of the app from scratch to prepare the final product.	6 months	January 29th 2025	C
15	Showcasing final product to teacher	Receiving feedback and improvements for final solution.	1 hour	January 30th 2025	C
16	Showcasing final product to client; installation and setup on client's devices.		2 hours	February 1st 2025	C
17	Incorporating feedback and bug fixes. Running tests according to Test Plan.	Testing the software and fixing any remaining bugs, and filling in the Criterion B Test Plan.	3 hours	February 5th 2025	B, C
18	Preparing Advanced Techniques Table	To draft a table containing all the advanced techniques and relevant information for the Criterion C document.	2 hours	February 6th 2025	C
19	Discussion with teacher for Criterion C feedback	To receive approval for advanced techniques and start working on further documentation.	1 hour	February 6th 2025	C
20	Implemented teacher feedback; adding figures, codes and documentation for advanced techniques.	To have a fully prepared Criterion C document with extensive documentation of the entire product's code and development.	10 hours	February 10th 2025	C
21	Planning the product demonstration video	Preparing a script and sample data for demonstrating the functionality of the product.	3 hours	February 15th 2025	D
22	Prepared Final Client Feedback Google Form	Prepare a form for the client to submit feedback and recommendations for the product.	1 hour	February 17th 2025	E
23	Sent Feedback form to client.	Receive filled feedback form from client.	2 weeks	March 1st 2025	E
24	Evaluated product against success criteria and client feedback.	Prepare the Criterion E: Evaluation document.	1 hour	March 2nd 2025	E
25	Added Client and Developer Recommendations.		1 hour	March 2nd 2025	E
26	Filming and editing the product demonstration video.	Filming the actual 7 minute video for the product demonstration.	2 hours	March 12th 2025	D
27	Word count adjustments.	Adjusting the word count to make it fit within the 2000 word limit.	2 hours	March 13th 2025	A, C, E
28	Copy-pasting all code for Criterion C Appendix.	Preparing Appendix C	1 hour	March 13th 2025	C

Task No.	Planned Action	Planned Outcome	Time Estimated	Target Completion Date	Criteria
29	Final teacher interaction for IA	Showcasing all Criteria to my teacher and seeking approval.	1 hour	March 13th 2025	A, B, C, D, E
30	Submitting app to TestFlight.	Allowing an examiner to install the app and test it out on their own devices.	1 hour	March 17th 2025	-
31	Preparing final zipped file for Submission.	Final submission.	1 hour	March 19th 2025	A, B, C, D, E