

CRITERION B: RECORD OF TASKS

Task number	Planned action	Planned outcome	Time estimate	Target completion date	Criterion
1	The first discussion with the client: my mom	A rough picture of the requirement	1 hour	January 12, 2023	A
2	Collating resources and work process about the requirements	Getting knowledge about the application environment of the software	2 days	January 15, 2023	A
3	Forming an initial developing planning, sending it to client for feedback	Feedback on the initial development planning	2 days	January 23, 2023	A
4	Adjusting the planning based on previous feedback	An adjusted planning	1 day	January 25, 2023	A
5	Second discussion with client	Some detailed information about development period, main functions and user numbers	30 min	January 27, 2023	B
6	Technology analysis and selection	Take Python as language, Vue as frontend framework and Flask as backend framework	2 days	February 1, 2023	B
7	Third discussion with client	A clear graph of the main and detailed functions of the software	50 mins	February 4, 2023	B
8	Design the overall structure of the project and start planning the work	Successful Criteria are completed	2 days	February 6, 2023	A
9	Start working on Criterion A (Scenario	Complete Criterion A	1 day	February 9, 2023	A

	and Rationale)				
10	Studying the chosen technologies—Flask, VueJS, Element UI Plus and other existing tools	Know how to use these tools and their programming formats	10 days	February 20, 2023	C
11	Draw sketches for each pages in the system	The GUI sketch of each pages	4 days	February 24, 2023	B
12	Clarify the connections between different interfaces	Specific flow chart of the system	1 day	February 26, 2023	B
13	Write Criterion B (first draft)	Complete Criterion B (first draft)	4 days	March 3, 2023	B
14	Develop all GUI of the system	Complete four html. programs, including employee interface, manager interface, login interface, and register interface.	6 days	March 10, 2023	C
15	Design the backend relational database	Finish the database schema	3 days	March 13, 2023	B
16	Develop the backend	Finish the backend	3 weeks	April 1, 2023	C
17	Finish the connection between backend and frontend	A working system demo	1 weeks	April 8, 2023	C
18	Improve GUI	Improved user interface	5 days	April 13, 2023	C
19	Go through the success criteria and check the completion status of each bullet point	The first release of the system	1 week	April 20, 2023	C
20	Write Criterion E	Finish Criterion E	5 days	April 26, 2023	E
21	Final interview with my client.	Client's feedbacks and future improvements	2 days	April 30, 2023	ABC
22	Improve the system GUI according to client's feedback	An improved GUI	5 days	May 4, 2023	C

23	Write Criterion C	Finish Criterion C	8 days	May 12, 2023	C
24	Write User Manual	Finish the User Manual	2 days	May 15, 2023	Appendices
25	Polish the product	Final version of the product	1 week	May 25, 2023	C
26	Summarize future improvements	Future improvements list	1 day	May 26, 2023	E
27	Working on Criterion D	Finish Criterion D	4 days	May 31, 2023	D
28	Arrange interview records	Finish Client Interviews part in the appendices	2 days	June 3, 2023	Appendices
29	Revise Criterion A	Final draft for Criterion A	1 hour	June 3, 2023	A
30	Revise Criterion B	Final draft for Criterion B	1 day	June 5, 2023	B
31	Revise Criterion C	Final draft for Criterion C	1 day	June 6, 2023	C
32	Revise Criterion D	Final draft for Criterion D	1 day	June 7, 2023	D
33	Revise Criterion E	Final draft for Criterion E	2 hours	June 8, 2023	E
34	Final check for documentations	Complete Computer Science IA	3 days	June 16, 2023	Overall