

## Criterion B: Record of Tasks (Template)

*Italicised text is to be edited based on your project development.*

<b>Task Number</b>	<b>Planned Action</b>	<b>Planned Outcome</b>	<b>Time Estimated</b>	<b>Target Completion Date</b>	<b>Criterion</b>
1.	Brainstorming ideas with computer science teacher	Think of possible ideas and possible clients to ask to do projects for.	2 hour	8/29	A
1.	Meet with potential clients	Figure out which client will benefit most from a Java program and start to think about how to potentially execute the ideas.	1 day	8/30	A
2.	Talk more in depth about ideas with the client -- second meeting with them.	The plan for the project is refined, and I start to think about success criteria	2 hours	8/31	A
3.	Meet with Computer Science teacher to go over ideas made with clients	Refine goals to best suit IB requirements and personal ability	1 hour	9/1	A
4.	Change Criterion A parameters and success criteria	Have a temporary Criterion A draft ready to go over with	2 hours	9/2	A

		client			
5.	Go over finished criterion A draft with my client	Make Final adjustments before submitting to Computer Science teacher	2 hours	9/3	A
6.	Research what methods to use for GUI	Have an basic idea/layout for the user interface to go over with client and Computer Science Teacher	3 hours	9/4	A
7	Start thinking about the project timeline and schedule.	Have a rough sketch of schedule and plan of tasks to complete	1 day	9/5	A
8	Draw a rough sketch of the User Interface	Present to Client and Computer Science teacher to receive feedback	2 hour	9/6	B
9.	Begin work on coding user interface	Have a presentable user interface that is not yet functional to present to client and computer science teacher	3 days	9/7	B,C
10	Draw out general UML diagrams, with	Be able to present the UML diagram to Computer	2 days	9/10	B

		Science teacher for feedback and refinement			
11.	Begin brainstorming algorithms for the project	Check-in with the computer science teacher for guidance when I get stuck.	2 days	9/15	B
12.	Write documentation for criterion B	Write the Record of tasks and the design document	2 days	9/17	B
12	Begin work on writing code and algorithms that will achieve the success criteria		1 month	10/15	C
13	Review internal mechanisms complete so far with computer science teacher		2 days	10/17	C
14	Meet with client again	Get any changes to the success criteria after coding for approved by my client	1 day	10/18	C
15	Show progress made so far to the client		2 hours	10/19	C
16	Show how	Get feedback	1 day	10/20	C

	basic code works to my computer science teacher	for optimization and general debugging			
17.	Give software to client for testing and finding bugs in the code	Client tests code for a week and tries out all the features of the software	1 week	10/28	C
18	Take a look at all bugs found and try to fix it	Try debugging the code, if impossible, then adjust the success criteria with the approval of the client	2 weeks	11/14	C
19	Show final version of the code to Computer Science teacher	Receive final round of feedback from computer science teacher and make final changes	3 days	11/17	C
20	Work on documentation for criterion C	Create a video of the project working and meeting all success criteria	1 week	11/30	D
21	Give completed software to client for regular use		1 day	11/31	E

Action Test	Way of testing and result
Test if program runs and GUI	When calculator() is run, the welcome GUI Page shows
Check if Password security works	A new GUI window appears after user is selected, asking for the user to enter a password if a password has already been made and if not then it asks the user to create a password. It then allows user to access the expense calculator.
Check if user statistics are saved	All the stats that the user saved in are in textfiles and are displayed in the expenses calculator.
Check if Change income button works	A new window is created where user enters new income; old income is deleted and expense calculator is updated
Check if Reset expense button works	All existing expenses are deleted and expense calculator is updated
Check if Add Expense button works	A new window is and user inputs the expense name and amount; expense calculator is updated along with percent of income for that expense.