

# Criterion B: Record of tasks

1.	Action	Details	Comments	Criterion
2.	Looking for possible clients	The first stage of my work is to acquire a client. I reached out to my father as he is the owner of the small pet shop in our city	My father was glad to help me and came up with an ideas to improve the productivity of the shop	A
3.	Deciding on the program idea	I spoke with my father about the old style of accounting and executing transactions	I decided to make a program that works as a Point of Sale	A
4.	Planning the specifics of the program	I brainstormed about the functions which I could include in the program to meet basic requirements of my client.	I decided that it could scan the barcode, print the details of product on the screen and send the information to cash register. Apart from that, it would count the sum of money and compare it with the sold products.	A
5.	Working on the Criterion A	I worked to complete the planning stage and organise the process	I had to make sure to include every aspect of my plans for the application.	A
6.	Building Criterion B	Organising the I/O, UML diagrams and flowcharts that can help me in my app development	This part was frustrating but it can help me with further development of the program	B
7.	Creating the Login UI	I designed the entry screen for my POS app	This was simple and finished with no problems	C
8.	Check the input login and password with the SQL Database	Comparing the input value of login and password with the values in the SQL Database	I was struggling with this part, because it was my first encounter with the SQL Environment.	C
9.	Creating two Main UIs	I designed two main user interfaces for the app	I had to design two UIs, because I created two user account types - admin and user, which has access to different functions.	C

10.	Creating the Transaction process route	I created the function of scanning the barcode, displaying the name of the product and price in the app and summarises the transaction with method of payment	The input barcode is compared with the barcode in the database. Then the name of the product and price corresponding to the barcode	C
11.	Creating the Daily Count Report	I created the function that compares the amount of money in the cash register to the sum of the price inputted	The amount of money is calculated by counting the amount of each bill by the employee.	C
12.	Creating an option to manage accounts	I created an option reserved only for admin accounts, which manages the other accounts and displays the list of them	This option will add and delete the account to or from the SQL Database	C
13.	Setting up a connection between windows of the application	I created a connection between application windows	This was one of the easiest step in creating this application. The only window from which the app can be closed is the login window. The rest are simply disposed.	C
14.	Creating a video of the end product	I created a video of my application using built-in software	It was an easy task	D
15.	Create the evaluation of the project	I created the evaluation and organised all documents	Evaluate on the thing that could be done better and how to improve them	E