Criterion B - Record of Tasks

Task number	Action Plan	Planned outcome	Time estimate	Completion date	Criterion
1	Consultation with my client.	I discussed with the manager about the difficulties he faces, as the manager then asked him to be my client in a project I planned on making to make things more manageable for him. He gladly agreed to be my client and accompany me.	30 minutes	Friday, June 3rd, 2022	A (Plan)
2	Discussion with my computer science teacher, Mr. Emmanuel Annoh for his opinions on my proposed IA.	My teacher gave me the greenlight to start the IA and, more specifically, the Criterion-A section.	20 minutes	Tuesday, June 7th, 2022	A (Plan)
3	Permission to use the restaurant's name, logo, and menu(products, ingredients) and prices in my design.	My client granted me permission and gave me his personal phone number if I needed to talk without stopping by Olive & Bread.	20 minutes	Thursday, June 16th, 2022	A (Plan)
4	Creating the flowchart.	To give me a visual representation of how my program should run.	1 hour and 20 minutes	Thursday, June 16th, 2022	B (Design)
5	Starting to create the UML Diagrams.	To give me an idea of the data structures to be used in the program.	2 hours and 30 minutes	Friday, June 17th, 2022	B (Design)
6	Creating the Database Tables on MySQL.	These tables will act as the backend to NetBeansIDE jTables, linked through a JAR library.	40 minutes	Friday, June 17th, 2022	B (Design)
7	Discussion with my client about the design.	To make a user-friendly program, the design should assist the user in understanding how the restaurant management system would work.	30 minutes	Sunday, June 19th, 2022	A, B (Plan, Design)
8	Making rough sketches of the JFrames to be used.	To visualize how my individual JFrame forms should appear before I begin making my project.	1 hour	Monday, June 20th, 2022	B (Design)

9	Choosing images from Icons8 to use as the background of my frames in my design.	I chose icons8.com because it's a free, accessible website that provided me with the perfect images that matched my search criteria. All the images used in my project can be found in the 'images' source package.	1 hour	Wednesday, July 13th, 2022	B (Design)
10	Making the 'AddCategory' JFrame and Java Class	The administrator can create a new category for the menu and delete existing ones.	1 hour and 40 minutes	Thursday, July 14th, 2022	B, C (Design and development)
11	Making the 'AddProduct' JFrame.	The administrator can add a new product within a category.	2 hours	Thursday, July 14th, 2022	B, C (Design and development)
12	Making the 'Manage Products' JFrame.	The administrator can update and delete any product's contents.	3 hours and 30 minutes	Friday, July 15th, 2022	B, C (Design and development)
13	Making the 'Orders' JFrame for the Customer.	The customer can place an order from any item on the menu and get a recipe issued based on their order.	11 hours	Saturday, July 16th - Monday, July 18th	B, C (Design and development)
14	Making the 'Suppliers' JFrame.	The receipt method was copied from the 'Orders' JFrame which made the coding much quicker.	3 hours and 15 minutes	Wednesday, July 20th, 2022	B, C (Design and development)
15	Making the 'Employee(s)' JFrame and Java class.	I decided to use ArrayLists to demonstrate other areas of my coding capabilities.	10 hours	Thursday, July 21st - Saturday, July 23rd	B, C (Design and development)
16	Making the Admin's home page JFrame to ease my clients' navigation process.	I got the design idea from "unique developer" on YouTube and contacted him via email on the 20th, asking for permission to make a similar kind of home page.	3 hours and 30 minutes	Monday, July 25th, 2022	B, C (Design and development)
17	Making the customer's home page JFrame.	I "refactor copied" the admin page and designed it in a different way.	1 hour	Monday, July 25th, 2022	B, C (Design and development)
18	Making the Beverage and Food JFrames.	To make attractive menus for the customer to view and choose from.	8 hours	Tues, July 26th, 2022	B (Design)
19	Making the default home page.	This is the first page all users will see where they enter as the customer ready to dine or the	30 minutes	Tuesday, July 26th, 2022	B, C (Design and development)

		administrator ready to manage.			
20	Making the login page.	Verification in order to enter the admin's home page JFrame.	1 hour and 20 minutes	Wednesday, July 27th, 2022	B, C (Design and development)
21	Choosing the icons for the admin, customer, and login JFrames.	All icons used can be found in the 'icons' source package. All icons are from icons8.com.	1 hour	Wednesday, July 27th, 2022	B (Design)
22	Adding validation checks for each JFrame.	I could have done this along with the buttons but at the time, the focus was just to make the system work.	4 hours	Wednesday, July 27th, 2022	C (Development and testing)
23	Adding a jLabel that takes the user back to their respective home pages.	I chose to use jLabels instead of jButtons in order for it to blend with the JFrame's design while functioning exactly like a jButton.	1 hour and 30 minutes	Thursday, July 28th, 2022	C (Development and testing)
24	Criterion C written documentation.	To select and explain the "complex codes" in my coding experience.	3 hours	Thursday, July 28th, 2022	C (Development and testing)
25	Testing my program for bugs.	To find possible errors users can face in the running of the program. I then emptied all tables on MySQL as all the data was dummy data.	1 hour and 30 minutes	Friday, July 29th, 2022	C, E (Development, testing and implementing)
26	Writing the Testing Plan and Error Checking document.	To fulfill the final task of Criterion B and conclude that the program runs efficiently.	55 minutes	Friday, July 29th, 2022	B (Design)
27	Self evaluation of the program.	Evaluating what I did well, what I could have done better/differently and what I wasn't able to do.	30 minutes	Friday, July 29th, 2022	E (Implementing)
28	Demonstrating my finalized product to my client.	While my client was pleased with my work, he had some other areas of development in mind.	20 minutes	Saturday, July 30th, 2022	A (Plan)
29	Making the video demonstration.	To complete the Criterion D task.	1 hour	Sunday, July 31st, 2022	D (Video)
30	Evaluating and writing the improvements.	To conclude with the documentation of my computer science IA.	1 hour	Sunday, July 31st, 2022	E (Implementing)
31	Appendix B, commenting the code	I returned to my program to make my final appendix. In addition, I made the video again because I was dissatisfied with it.	2 hours and 50 minutes	Friday, December 16th, 2022	C, D (Development and Video)

Design references from the Record of Tasks (ROT)

Task #9: Icons8.com. (2019). *Download free icons, music, stock photos, vectors*. [online] Available at: https://icons8.com/ [Accessed 13 Jul. 2022].

Task #16: Developer, U. (2021). *JAVA-Library Management System in java Part -5| Admin Dashboard | JAVA and MYSQL |Complete Project |*. [online] www.youtube.com. Available at: https://youtu.be/vkKKKp4fjcU [Accessed 19 Jul. 2022].