Record of Tasks

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Approach client, Mr. Eddy Huynh, the owner of Ma Ma Wok Restaurant	Observe the current system in the restaurant, and discuss potential changes. Conduct preliminary fact finding to determine the available options of computer languages to create the system.	1 day	September 3, 2018	A
2	Submit initial proposal to Computer Science teacher for general approval	Discuss what the system needs to address to be eligible for marks, and the potential to use other languages if the need arises.	1 hour	September 5, 2018	A
3	Contact Mr. Huynh with a request for a meeting in the restaurant	Set up first meeting with client to discuss criterias for success of the restaurant system. Client will be offered multiple dates and times to choose from.	5 days	September 12, 2018	A
4	Meet with Mr. Huynh in his restaurant	Client will approve the details of the system, such as the features and limitations of the final product.	2 hours	September 22, 2018	A
5	Observe the restaurant operations to understand client requests	Observations of restaurant staff, menu items, and operations will be conducted to further understand client's needs. Fact-finding will be relatively completed at this point.	2 hours	September 29, 2018	A

6	Finalize computer language chosen for product	The use of Java is decided upon. Java concepts such as recursion and class inheritance will be further studied to aid in the development in the IA.	6 hours	October 5, 2018	A
7	Approval of final criteria of success	Client and teacher will check the final criteria of success for feasibility, and to ensure that the project has a clearly defined goal and outcome.	2 days	October 12, 2018	A
8	Create Data Flow Diagram (DFD)	A Gane and Sarson style data flow diagram will be created to outline the movement of data within the program. First, the context diagram will need to be drawn with nothing but the entity and processes.	1 day	October 13, 2018	B
9	Create flowcharts	Flowcharts will be made for every menu to dictate where every piece of user input and information goes.	7 days	October 20, 2018	B
10	Functionality of each class finalized	Each class's function will be explicitly defined and will be final for the project. With the functionality defined, the methods will be clearly drawn out and their interactions stated.	1 day	October 21, 2019	B
11	Identify modules to be tested	Test plan will be created to test the	6 days	November 9, 2018	B

		modules with the success criteria individually before they are added to the program.			
12	Format user interface	Text based user interface will be shown to Mr. Huynh and his staff to gather critiques and ensure that it is understandable.	2 days	November 12, 2018	C
13	Program the individual classes and modules of the project	The final Java code will have multiple classes each responsible for modeling different objects in the restaurant, such as Dishes, Waiters, and Tables.	2 months	January 18, 2019	C
14	Join the interface and main method with the modules in the background	With the user interface text finalized, the modules can be joined with the main method to create the first draft of the program.	14 days	February 1, 2019	C
15	Remove syntax errors	Syntax errors will be squashed and the program will be ready for compilation.	7 days	February 8, 2019	C
16	Implement test plan	The test plan to test the "Table", "Waiter" and "Dish" class will be implemented.	7 days	February 15, 2019	C
17	Create video to show project	Script and video will be created to outline the qualities of the final product, as well as the test plan needed to ensure workmanship. A few	7 days	February 22, 2019	D

		remarks about the criterion for success will also be prepared.			
18	Project converted to exe to then give to client	An exe file will be easier to run for the client in the restaurant.	1 day	February 22, 2019	E
19	Install system	A date will be scheduled to implement change management at Ma Ma Wok, which entails changing the current system, training the staff in the new system, and fixing errors.	1 day	March 8, 2019	C
20	Gather feedback from manager	A meeting will be scheduled between Mr. Huynh and myself after some time to check up on the system and take notes on his feedbacks. An evaluation will be written to note his concerns.	5 days	March 15th, 2019	E
21	Record of tasks continually updated	Record of tasks is updated after each step of the project, which is finalized before submission.	Ongoing	March 15, 2019	B