

Criteria B: Record of Tasks

Task Number	Planned Action	Planned Outcome	Time Estimate	Target Completion Date	Criterion
1	Initial discussion with client, identifying her needs	Discussing the current problem faced by the client; listed down the features she would like in the new program; success criteria identified (refer to appendix A.1)	1 hr	29 th October, 2019	A
2	Initial discussion with IA advisor: CS Teacher	Idea approved but more complexity required	0.5 hrs	7 th November, 2019	A
3	Discussion #2 with client; about the design of the program	Client showed the layout of the program and data to be stored (refer to appendix A.2)	1 hr	8 th November, 2019	B
4	Showing the layouts and design of the program to IA advisor	Layouts and designs approved by the advisor	0.25 hrs	9 th November, 2019	B
5	Starting the designing of the product in Eclipse IDE	Layout of the program is made using the Window Builder	6 hrs	9 th November, 2019	B
6	Making the tables and choosing the appropriate data types for the table fields in MySQL	All database tables created and appropriate data types chosen	0.75 hrs	14 th November, 2019	B
7	Learning how to display MySQL tables in JTables	Successfully learnt how to add database tables to JTable (using rs2xml.jar)	0.25 hrs	18 th November, 2019	B
8	Learning to establish a connection between MySQL and Java	Learnt SELECT, INSERT, DELETE, UPDATE queries in SQL	2 hrs	18 th November, 2019	B, C

9	Start to develop the product	Layout is already done; added all the menus (Client, product, branches, invoice, services)	4 hrs	20 th November, 2019	B, C
10	Start with each sub menu; starting with branch menu	Branches menu done, added insertion, editing, deletion, and viewing of branches	6 hrs	28 th November, 2019	B, C, D
11	Start with another sub menu; Clients	Clients menu done, added insertion, editing, and viewing of list of clients	4.5 hrs	29 th November, 2019	B, C, D
12	Start with the 3 rd sub menu; Products	Products menu almost done, added insertion, editing, and deletion of products	4 hrs	1 st December, 2019	B, C, D
13	Continue with the Products Menu, and start Service menu	Products menu done, added function of viewing of products list. Added services menu; Added insertion, removal, editing, and viewing of service list	3.5 hrs	14 th December, 2019	B, C, D
14	Starting with the Invoice menu; learning how to generate a pdf using itextpdf	Learnt how to generate pdfs on clicking buttons; added some more functions such as adding all products to a product combo box and all services to a service combo box	5 hrs	18 th December, 2019	B, C, D
15	Adding more features to the invoice menu	Client name and client ID generated using only input of client phone number; date generated using java.util.Date and format of date changed using SimpleDateFormat	1 hr	23 rd December, 2019	B, C, D
16	Finishing the product; generating a PDF report; being able to view the list of invoices and successful	Finished designing the pdf by learning syntax for itextpdf. Product complete	3 hrs	27 th December, 2019	C, D

	generation of reports				
17	Discussion #3: Showing client my progress since end of December is near	Client tries to use my program as it is almost complete (refer to appendix A.3)	1 hr	28 th December, 2019	E
19	Minor changes to be made to the design	Made minor changes to the design	2 hrs	29 th December, 2019	E
18	Discussion #4: Showing the final product to the client; feedback received	Client gave feedback on whether the needs are met (refer to appendix A.4)	1 hr	30 th December, 2019	C, D, E
20	Final touch ups to the design; testing all functions of the program and testing for different data inputs	All functions of the program working correctly; added final touches to the program; ready for use by the managers	3 hrs	3 rd January, 2020	E

Gantt Chart

