

IS BEING FIXED!

Record of Tasks

(Things that are highlighted in green need to be updated/fixed)

Task number	Planned action	Planned outcome	Time estimated	Target completion date	Criterion
1	Finding a client that is in need of a program	Chosen a problem to create a program for. Found the client I'm creating the program for	1 week	May 26, 2021	A
2	Have an interview with Mr Lam	Understand about the requirements and success criteria of the program from Mr Lam	1 week	June 2, 2021	A
3	Propose my solution/program and discussion about the success criterias for the program with Mr Lam	Finalize the details of the program that Mr Lam wants and the success criterias that he will use to evaluate my program	3 days	June 5, 2021	A
4	Finish documenting Criterion A, writing the scenario, rationale, and success criteria	The whole Criterion A is fully documented with the success criteria approved by	4 days	June 9, 2021	A

		Mr Lam			
5	Design the system diagram of the program, and the front-end screens of the program and consulted them with Mr Lam.	Had a client-consult ed sketch of the system diagram of the program and the front-end screens of the program. Included explanation and justification why these designs are important.	5 days	June 14, 2021	B
6	Design the ER diagram, the UML/Sequence diagram, and flow diagram of general processes of the program and consulted them with Mr Lam.	Had a client-consult ed sketch of the ER diagram, the UML/Sequence diagram, and flow diagram of general processes of the program. Included explanation and justification why these designs are important.	2 days	June 16, 2021	B
7	Design flow diagrams for the 2 most significant algorithms in the program and consulted them with Mr Lam.	Had 2 flow diagrams that are client-consult ed for the 2 most significant algorithms in the program. Included explanation and	1 day	June 17, 2021	B

		justification why these designs are important.			
8	Design and normalize the 3 data tables (User, Trading partner, Invoices) of the database in the program and consult them with Mr Lam.	Had 3 client-consult ed data tables (User, Trading partner, Invoices) with example rows records. Included explanation and justification why these designs are important.	1 day	June 18, 2021	B
9	Create the Alpha/Beta testing plan	Had the Alpha/Beta testing plan	1 day	June 19, 2021	B
10	Create the User Acceptance/ Client testing plan	Had the Acceptance/ Client testing plan	1 day	June 20, 2021	B
11	Finalize the documentation of Criterion B	The whole Criterion B is fully documented with various designs that I did (along with the explanation and justification of each design). A	4 days	June 24, 2021	B

		record of tasks is also added with tasks done up until June 23, 2021.			
12	Set up the base codes for the program (including the 3 data tables (User, Trading partner, Invoice), import various Kivy and Python libraries, set up the 2 main coding file: main.py and main.ky	The base of the program is set up so further coding can be done	2 days	June 26, 2021	C
13	Create the front-end (Kivy and KivyMD) and back-end (Python) codes of the Login Screen and Register Screen and test to make sure that these codes work with testing tasks no.1 and no.2 from the first Alpha/Beta testing table	The program will be able to interact with the Login Screen and Register Screen	3 days	June 29, 2021	C
14	Create the front-end (Kivy and KivyMD) and	The program will be able to interact with the	4 days	July 3, 2021	C

	back-end (Python) codes of the HomeScreen ,AddInvoice Screen, and Trading partner Screen	Login Screen, Register Screen, HomeScreen ,AddInvoice Screen, and Trading partner Screen			
15	Create the front-end (Kivy and KivyMD) and back-end (Python) codes of the InvoiceScreen and Filter/Search Invoice Screen	The program will be able to interact with the Login Screen, Register Screen, HomeScreen ,AddInvoice Screen, Trading partner Screen, InvoiceScreen and Filter/Search Invoice Screen	3 days	July 6, 2021	C
16	Create the front-end (Kivy and KivyMD) and back-end (Python) codes of the Filtered searched display Screen	The program will be able to interact with the Login Screen, Register Screen, HomeScreen ,AddInvoice Screen, Trading partner Screen, InvoiceScreen, Filter/Search Invoice Screen, and Filtered	5 days	July 11, 2021	C

		searched display Screen			
17	Create the front-end (Kivy and KivyMD) and back-end (Python) codes of the Filtered searched display with trading partner info Screen	The program will be able to interact with the Login Screen, Register Screen, HomeScreen ,AddInvoice Screen,Trading partner Screen, InvoiceScreen, Filter/Search Invoice Screen, Filtered searched display Screen, and Filtered searched display with trading partner info Screen	3 days	July 14, 2021	C
18	Create the front-end (Kivy and KivyMD) and back-end (Python) codes of the Update invoice Screen	The program will be able to interact with the Login Screen, Register Screen, HomeScreen ,AddInvoice Screen,Trading partner Screen, InvoiceScreen, Filter/Search Invoice Screen,	2 days	July 16, 2021	C

		Filtered searched display Screen, Filtered searched display with trading partner info Screen, and Update invoice Screen			
19	Create the front-end (Kivy and KivyMD) and back-end (Python) codes of the Update trading partner Screen and test to make sure that these codes work with testing tasks no.3~no.5 the first Alpha/Beta testing table	The program will be able to interact with the Login Screen, Register Screen, HomeScreen ,AddInvoice Screen,Trading partner Screen, InvoiceScreen, Filter/Search Invoice Screen, Filtered searched display Screen, Filtered searched display with trading partner info Screen, Update invoice Screen, and Update trading partner Screen	5 days	July 21, 2021	C
20	Create the front-end (Kivy and	The program will be able to interact	5 days	July 26, 2021	C

	<p>KivyMD) and back-end (Python) codes of the Generate reports Screen and the Export excel filtered table Screen and test to make sure that these codes work with testing tasks no.6~no.7 the first Alpha/Beta testing table</p>	<p>with the Login Screen, Register Screen, HomeScreen ,AddInvoice Screen,Trading partner Screen, InvoiceScreen, Filter/Search Invoice Screen, Filtered searched display Screen, Filtered searched display with trading partner info Screen, Update invoice Screen, Update trading partner Screen, Generate reports Screen, and Export excel filtered table Screen</p>			
21	Document the configuration of the program in Criterion C	Had the documentation of the configuration of the program finished in Criterion C	1 day	July 27, 2021	C
22	Document, explain, and justify the coding that fulfill the	Had the documentation, explanation, and	1 day	July 28, 2021	C

	<p>“The program will have a login and logout screen” success criteria in Criterion C</p>	<p>justification of the coding that fulfill the “The program will have a login and logout screen” success criteria finished in Criterion C</p>			
23	<p>Document, explain, and justify the coding that fulfill the “The program will let multiple user creates their account and passwords, storing those passwords in hashed” success criteria in Criterion C</p>	<p>Had the documentation, explanation, and justification of the coding that fulfill the “The program will let multiple user creates their account and passwords, storing those passwords in hashed” success criteria finished in Criterion C</p>	2 days	July 30, 2021	C
24	<p>Document, explain, and justify the coding that fulfill the “Let the client add/edit/remove invoices” success criteria in Criterion C</p>	<p>Had the documentation, explanation, and justification of the coding that fulfill the “Let the client add/edit/remove invoices” success criteria finished in Criterion C</p>	4 days	August 3, 2021	C

25	Document, explain, and justify the coding that fulfill the "Program lets the client to input fixed data columns about the Trading Partner and pre-stored data in these fixed data columns for every subsequent invoices added to the program after the first time & Being able to view all data columns of each invoices save in the column" success criteria in Criterion C	Had the documentation, explanation, and justification of the coding that fulfill the "Program lets the client to input fixed data columns about the Trading Partner and pre-stored data in these fixed data columns for every subsequent invoices added to the program after the first time & Being able to view all data columns of each invoices save in the column" success criteria finished in Criterion C	2 days	August 5, 2021	C
26	Document, explain, and justify the coding that fulfill the Let the client filtered/search invoices based on required data columns such as Invoice Number,	Had the documentation, explanation, and justification of the coding that fulfill the "Let the client filtered/search invoices based on required data	4 days	August 9, 2021	C

	Trading Partner Name, Invoices added date, Invoices date, Payment information into tables that are viewable on the screen” success criteria in Criterion C	columns such as Invoice Number, Payment information, the Actual Payment time, Priority rank, Paid, Sector, Supplier Name into tables that are viewable on the screen” success criteria finished in Criterion C			
27	Document, explain, and justify the coding that fulfill the “Let the client export the filtered/search invoices tables (the invoices don't need to include trading partner data columns) to reports in Excel format. & Let the client export the whole database of invoices to reports in Excel format.” success criteria in Criterion C	Had the documentation, explanation, and justification of the coding that fulfill the “Let the client export the filtered/search invoices tables (the invoices don't need to include trading partner data columns) to reports in Excel format. & Let the client export the whole database of invoices to reports in Excel format.” success criteria	3 days	August 12, 2021	C

		finished in Criterion C			
28	Document, explain, and justify the coding that fulfill the “Let the client create 2 main types of reports: Overdue Invoice Report and Invoice Payment Schedule Report and export them to reports in Excel format.” success criteria in Criterion C	Had the documentation, explanation, and justification of the coding that fulfill the “Let the client create 2 main types of reports: Overdue Invoice Report and Invoice Payment Schedule Report and export them to reports in Excel format.” success criteria finished in Criterion C	4 days	August 16, 2021	C
29	Finalize and finish documenting the development process of the program in Criterion C	Criterion C contains fully finished documentation of the development process of the program	4 days	August 20, 2021	C
30	Record the video of the program and demonstrate how it fulfills the success criteria given by the client	A video of the program demonstrate how it fulfills the success criteria given by the client is fully done	3 days	August 23, 2021	D
31	Video call Mr Lam and ask	Mr Lam is able to start	2 weeks	September	D

	him to use the program for 2 weeks, telling him to notes down feedback for our next meeting	using the program for 2 weeks		6, 2021	
32	Interview Mr Lam after he used the program for 2 weeks and ask him to evaluate how the program meets his requirements /success criteria and for his feedback to improve the program in the future	An interview is scheduled and is carried out with Mr Lam after he used the program for 2 weeks, one in which I ask him to evaluate how the program meets his requirements /success criteria and for his feedback to improve the program in the future	1 week	September 13, 2021	E
33	Transcribe the interview did in no.32	A transcript of the interview did in no. 32 is included in the Appendix	2 days	September 15, 2021	E
34	Finalize and finish documenting for Criterion E using the transcript in the Appendix created in no.33	Criterion e contains fully finished documentati on the evaluation, feedback from the client for the program and ways I could improve it in	4 days	September 19, 2021	E

		the future			
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