SYD366 Money Test Summer 2021

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**Date: 18/06/2021**

**Work: Money Test**

**Professor: Tevin Apenteng**

**Question 1 (worth 10 marks)**

Complete a **Class diagram** to support what your team has learned so far about Donald’s Medical Cleaning Productdistribution business*.*

Diagram

Description automatically generated

**Question 2 (worth 20 marks)**

Complete **Object Level Sequence** diagrams to support the above scenarios.

Graphical user interface

Description automatically generated with medium confidenceGraphical user interface, application

Description automatically generated

**Question 3 (worth 3 marks)**

Donald’s been approached to provide medical cleaning products for a client that is on Georgina Island Reserve. This client has tax exempt status as part of belonging to Indigenous people. What are tax implications? Does this affect your model? Please describe in English.

***Yes, it will change the model. After calculating the total amount, tax won’t be calculated if the place is tax exempt. So, for that I will add a new function before calculating tax just for checking if the location of the billing place is tax exempt or not. It will also have another function to check if the client is indigenous person or not as the tax exemption is applicable to them only and not everyone living there.***

**Question 4 (worth 3 marks)**

Should Donald use his debit card or his credit card for purchases? Why? Please describe in English.

***Donald can use either of them, but Donald should use credit card. It will make his credit history and it will give him some time before he has to pay the credit card bill. So, If the purchase is not feasible at that time, Donald can take advantage of using the credit card. Some credit card also have many cashback options so it will be much beneficial to use credit card for the purchase rather than paying it out with debit card with no benefits.***

**Question 5 (worth 3 marks)**

One of Donald’s customer pays him in USD. What should Donald do? How could you change your model to support this? Please describe in English.

***Donald should accept USD. It is very important for business owners to make their clients happy even by taking any currency for payments. Options always attract more buyers, so at the end its beneficial for Donald. In the model, After calculating the total amount, a function should be called which will convert the total amount of the bill to the payment currency. Rest of the process will be the same.***

**Question 6 (worth 3 marks)**

How long are businesses required to keep records of financial transactions for taxation purposes? Why is it important to Donald’s company? Please describe in English.

***Generally, every business should keep the records for at least 6 years. Its very important to keep the records so that at any time in the future if there is any dispute related to the payment or any audits from CRA then Donald can show them all the proof. Keeping all the transaction is also helpful in calculating the profits and growth of the business over the years which helps Donald in getting broader sense of the situation and helps in forming his business tactics for future.***

**Question 7 (worth 3 marks)**

Donald’s Medical Cleaning Productdistribution company is documenting the business’s requirements for a new system. We’ve looked at Agile and Waterfall (Predictive) Project Management methodologies. You are a team of 3 analysts and a Project Manager. If you were the Project Manager, what Project Management Methodology would you use for this project? And why? Please describe in English.

***I prefer agile project management methodology over the waterfall. Agile management is very collaborative. So, collaboration helps in increasing the pace of the project and also more collaboration results in amazing ideas during the brainstorming. People will also divide the work according to there strong zones which helps in increasing the productivity and the project gets completed much earlier. More people also means more debuggers and more helpers. So, if anyone is getting stuck at any point there will be a lot of people to help him/her so the project work never stops.***

***References: -***

"Agile project management: 12 key principles, 4 big hurdles ...." <https://www.cio.com/article/3156998/agile-project-management-a-beginners-guide.html>.

"TaxTips.ca - What goods and services are exempt, taxable ...." <https://www.taxtips.ca/gst/whatistaxable.htm>.

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