

Trio 6 Team Meat Reflection Paper on Case – Rosas Palas Franchise

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DAT-7470-FMBAN1, Business Analysis with Structured Data

Professor Chase Kusterer

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As a group we were tasked with building queries and inserting results into a temporary table through a stored procedure to create the Profit and Loss, and the Balance Sheet statements. The group of trios consisted of Dennis Omuya, Htet Aung Kyaw, and Jorge Nistal. We believe that we achieved our objective in the task by meeting the <u>key deliverables</u>.

We worked closely and effectively together. We started by understanding each other's strengths and made sure they were used. Another important point to note is that we created a wide network for communication through the available online platforms such as codeshare.io and WhatsApp where we could share our scripts and discuss the task.

Initially as a team we focused on drawing the <u>schema of 25 tables</u> which took almost half a day to finish. We later found out that all we needed was four tables that the professor provided. If we have to redo the project again, we will start by finding the major account code (such as 'REV') and drawing mainly the critical tables that we need (for example 'account', 'statement section') so that we can allocate more time on coding and queries.

The best thing about a team is that every member comes with a unique skill and idea that when combined can bring out a mind-blowing outcome. Jorge Nistal was responsible for giving us a vivid explanation of how the financial statements are made and which accounts should be in which statements. Our focus was on four major tables, namely journal entry, journal entry line item, account, and statement sections.

We did a query for all these tables details and exported them to an excel spreadsheet for analysis. We used <u>union to bring the tables together</u> by stacking them up row by row. We proceeded to prepare the stored procedure and found out that we can set variables which can allow us to redo all our queries by using local variables. Htet Aung Kyaw was responsible for writing a

script for profit and loss statement with the help of the remaining team members. Dennis Omuya was engaged in providing a balance sheet script also with the help of the other members.

If we must redo the project again, we will mainly focus on how to set the variables and create tables, then add row by row using insert into and values () functions, and closely looking at the vital role of each column and use the accordingly to prevent potential bugs because we were neglecting the cancelled column which caused us credit-debit imbalance on both the statements.

A group is more than the sum of its component parts. This was evident during this task. Crucial to what we were meant to deliver was assessing and recognizing our strengths and summing them up to bring something powerful than any of us individually. This team assignment allowed us to understand the aspect of time management and using best solution possible to deal with a case and that the database of a particular company is not perfect and we need to anticipate the potential issues such as missing data and inconsistency of data. We will study further to know how to optimize our code by using iteration to reduce the receptive queries with stored procedure.



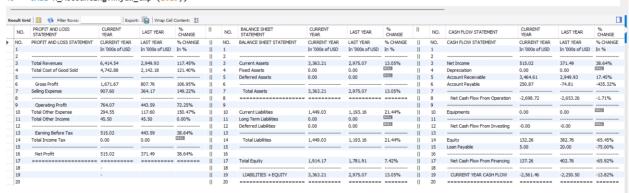


142 • # THE LINE ABOVES CHANGES BACK OUR DELIMETER TO OUR USUAL ; L43 CALL H_Accounting.hkyaw_tmp (2017); Export: Wrap Cell Content: IA PROFIT AND LOSS STATEMENT CURRENT YEAR BALANCE SHEET STATEMENT % CHANGE NO. LAST YEAR NO. NO. CASH FLOW STATEMENT LAST YEAR LAST YEAR PROFIT AND LOSS STATEMENT CURRENT YEAR In '000s of USD BALANCE SHEET STATEMENT CASH FLOW STATEMENT % CHANGE LAST YEAR % CHANGE In '000s of USD In % % CHANGE In '000s of USD In % In '000s of USD In '000s of USD In '000s of USD 1,045.29% 2,647.13 2,543.73 4.06% 42.42 Net Income -0.86% 1,863.92 0.00 2,647.13 NULL MULL 485.77 137.31% 1,247.98 -23.93% -44.01 0.00 Net Profit Total Equity 1,399,15 903.15 54.92% Net Cash Flow From Financing 576.00 -44.01 1.408.87% 2,543.73 LIABILITIES + EQUITY 2,647.13 4.06% CURRENT YEAR CASH FLOW -1.551.54 -2,430,61 36.17%



42 • # THE LINE ABOVES CHANGES BACK OUR DELIMETER TO OUR USUAL ;

43 CALL H_Accounting.hkyaw_tmp (2019);



L42 • # THE LINE ABOVES CHANGES BACK OUR DELIMETER TO OUR USUAL ; L43 CALL H_Accounting.hkyaw_tmp (2020); Export: Wrap Cell Co ntent: IA П NO. PROFIT AND LOSS STATEMENT BALANCE SHEET STATEMENT CURRENT YEAR % CHANGE LAST YEAR NO. LAST YEAR NO. CASH FLOW STATEMENT LAST YEAR PROFIT AND LOSS STATEMENT CURRENT YEAR In '000s of USD CURRENT YEAR In '000s of USD BALANCE SHEET STATEMENT LAST YEAR In '000s of USD CASH FLOW STATEMENT CURRENT YEAR In '000s of USD % CHANGE In % % CHANGE In % % CHANGE In % In '000s of USD In '000s of USD -100.00% -100.00% Current Assets Fixed Assets Deferred Assets 26.83% Net Income 4,265.47 3,363.21 66.36 515.02 -87.11% Depreciation Account Receivable Account Payable 0.00 3,749.39 -463.10 0.00 0.00 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 NULL -100.03% -94.26% 83.56% MULL NULL Earning Before Tax Total Income Tax 66.36 764.07 -87.11% Net Profit Total Equity 1.914.17 1,914.17 0.00% Net Cash Flow From Financing 0.00 137.26 -100.00% LIABILITIES + EQUITY 2,900.11 3.363.21 -13.77% CURRENT YEAR CASH FLOW -4,146.13 -2.561.46 -61.87%