



Malayan Colleges Laguna
A MAPÚA SCHOOL

REVISION NO.: 00
REVISION DATE: May 10, 2016

DAILY JOURNAL

IMPORTANT INFORMATION

- INCLUDE TASK ASSIGNMENTS OR MOVEMENTS, REFLECTION ON THE DAY'S NEW LEARNING, ACCOMPLISHMENT, CHALLENGES FACED AND HOW YOU RESPONDED, OBSERVATIONS AND RECOMMENDATIONS ON THE IMPROVEMENT OF SYSTEMS / OPERATION / MANAGEMENT, ETC.
- SCANNED COPIES OF THIS FORM SHALL BE SUBMITTED ON A WEEKLY BASIS THROUGH APPROVED LMS.
- HARD COPIES OF THIS FORM SHOULD BE COMPILED AS PART OF THE STUDENT'S PORTFOLIO.

DATE	3/23/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Report Generation, Database Query, Record Filtering	SHIFT/TIME	8:30 AM to 5:30 PM

Today I started the initial implementation of the report generation for the first simpler form. I was able to load the data from the database into the report. Next, I fixed the data table format to get the fields that I needed. Furthermore, I cleaned the data and turned them into the format that they were needed in such as a specific date format. After that, I created the design of the report. Finally, I also fixed the formula for generating the total in regard to sales (add), returns (subtract), and void (ignore) in the respective totals such as terminal, site, and report.

My reports generation is still a static query, so I am able to create the report itself before adding the filtering. From there I realized that things don't have to be that complicated. Make it simple at first so that you are able to figure out what you need to do to make it work. I have added a sample structure or tree of the report down below.

Report

For each Site in Sites

For each Terminal in Site

For Record in Terminal



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DATE	3/24/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Dynamic Report Generation, Updated Record Filtering	SHIFT/TIME	8:30 AM to 5:30 PM

Today I realized I overlooked some of the filtering fields of the report specifically additional fields for the different return types and their corresponding reasons. Hence, I updated the form to include these filters. Yesterday it was still a static query as I wanted to make sure that the report was working and today, I was able to add basic filtering to the reports such as from and to date, by site, and by terminal. I still have some other filters that I need to work on and the different combinations of these filters may need different fields to be displayed and evaluated.

I overlooked some of the filtering features of the report and I learned that before you start something, it does not necessarily mean that you have to fully understand it, but you need to understand to some degree what affects it and how it works. This shows the importance of exploration and figuring things out before actually doing them.



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DATE	3/27/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Dynamic Report Generation, Form styling and design	SHIFT/TIME	8:30 AM to 5:30 PM

Today I sent the pre-employ form forms such as the liability waiver and practicum acceptance form to our HR contact. As for development, I finished the filtering options for dynamic report generation for the first form. By type (all transactions, sales, returns, void), arrange by (trans #, OR#, invoice # in ascending or descending order), and only manual invoices. I fixed the implementation of the initial form title and description generation and site selection from the database based on the module code. Furthermore, I was able to create different layouts for the reports for all, sales, returns, and void transactions as even though they have similar fields, there are still minor differences between them. After today I was done with the overall functionality of the first form but still needs polishing and improvement.



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DATE	<input type="text" value="3/28/2023"/>	AREA ASSIGNMENT	<input type="text" value="B&HI Segment RnD Department"/>
TASK	<input type="text" value="Training Plan, Second Module, Data Query, Report Layout"/>	SHIFT/TIME	<input type="text" value="8:28 AM to 5:32 PM"/>

Today I opened up about the training plan to my team leader. He told me that my current tasks are more on development and that I should document my code after I am done with the modules. I also scheduled a meeting with my team leader to get my code checked as I have finished the first module/form.

After that, I continued working on the second form again. I have finalized the form control and their respective functionalities for filtering (site, payment type, group by). After that, I studied the existing SQL commands of the old VB form through SQL Server Profiler to learn the different tables and their relationships to get the correct data. I had a hard time getting a grasp of the data as there are multiple SQL queries from different tables. I would be asking more about this to my supervisor tomorrow. Lastly, I was able to fetch the data with a static query from the sample given as a start and I was able to create a draft for the layout of one of the reports (by terminal) that I will continue working on tomorrow.

As for the internship at iRipple, I think that having a more structured approach like having a set program and accompanying training would benefit the students as they would have an overview of what they are going to do in the internship and be able to prepare. This would lead to better outputs and learnings for the student. As for the company, this would be beneficial as the intern's role would be clearly defined and their improved performance due to training and preparation would lead to better outputs and results for the company's benefit.



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DATE	3/29/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Orientation, Filter Query Generation, Static Fields Report	SHIFT/TIME	8:27 AM to 5:32 PM

Today I started preparing questions that I wanted to ask about my code and the database to my supervisor as I had scheduled a meeting with him at 1 pm. From there I had an orientation for the CODEX Internship program for Fasttrack later at 11 am. I am looking for options if ever I do not find the training plan of iRipple to be sufficient. I think that I will be staying at iRipple as even though Fasttrack has a great internship program like its training and OJT, I do not see myself pursuing SAP-related software. I have until Friday, March 31, to think about this decision.

Sadly, my team leader had tasks to do so we had to reschedule our meeting to 9:30 am tomorrow. In the afternoon, I continued studying the query of the first group by filter on the report of the second form. From there I created the layout, mapped the database fields, created the formulas for the different fields such as total and net sales, and finally, I was able to create an initial draft of the second report with a static query. Near the end of my shift, I realized that what I did was a report with static columns, but the requirement was showing the columns depending on the user's choice. I will work on that and fix it tomorrow.



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