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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	3/30/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Presentation, Data Filtering Query, Dynamic Reports	SHIFT/TIME	8:25 AM to 5:33 PM

In the morning I had a meeting with my team leader at 9:30 am. I presented my progress on the two modules and asked about my code, the functionalities, the queries, and what improvements I could make. I am not yet done with the second form so he told me to do that first and then we will meet again on Monday, April 3, at 9:30 am. I also inquired again about the training plan, and he told me that he could give me more development work in the range of web development like a dashboard or more C# desktop applications.

After the meeting, I continued working on the second report. I needed a way to create reports with dynamic columns based on the data inputted. I first had a hard time as I had only been doing static columns and I am not that familiar with crystal reports. With much perseverance, I was able to create dynamic columns based on what the user needed to see on the report. After that, I also implemented the dynamic queries like from and to date, and which site. I still have problems with the report format or styling as the columns have varying widths. Tomorrow, I plan on doing the other group by filters and their respective fields. I feel my initial implementation could be better, but I am glad that I got it to work. I will try to refactor the said code in the future.

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DATE	3/31/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Practicum Documents, Base Report Generation	SHIFT/TIME	8:26 AM to 5:32 PM

Today, I contacted our HR contact regarding the pre-employment documents that needed to be signed by the company and she told us that we could go on-site on Tuesday next week, April 4. After that, I worked on two more reports for the second module namely group by cashier and group by site. I was able to create the base report with dynamic columns but without the extra information like show reservations, balance, or status which need to be toggled. The said reports still need improvements on their layout and design but already work as intended.

I only have one base report left for this module, but I was not able to do it today since it had a different query from the 3 other reports which have the same data set. I plan to finish this module by Tuesday or Wednesday by adding the remaining filters, creating the initial draft for the fourth report, and trying to do the export to Excel functionality.

Furthermore, I did not accept the Fasttrack offer for an internship. I realized that it is not our choices that determine our success, but it is what we do after that choice. I have already rendered two full weeks in iRipple and even though I think the program of Fasttrack is good, I would not want to throw away the hours that I have rendered and disrespect iRipple by quitting mid-internship if I were to go elsewhere.

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DATE	4/03/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	System Installation, Research and Implement Export to Excel	SHIFT/TIME	8:29 AM to 5:35 PM

In the morning I first installed the Barter system on my laptop so that I can work tomorrow on-site as we are going to go on-site to have our pre-employment documents signed. I had blockers in the morning as the installation of Barter on my PC malfunctioned and although I was able to install the system on my laptop, it does not have all the functionalities. I was supposed to have a meeting with my team leader at 9:30 AM but he was busy, and he was not able to answer my questions and fix the installation of the systems. With that in mind, while waiting I searched on how to do the export to Excel functionality. I was able to create an initial implementation for the first report although my code is not that optimized yet. Moreover, during the afternoon, our on-site meeting was moved to Wednesday as per our HR contact.

Today I learned that as professionals we should be flexible. I had a blocker for my current task so I went ahead and started other tasks so that I would not waste time. Furthermore, I believe in the notion that when developing, your implementation does not have to be super-efficient at the start. I learned that making it work and then improving upon your implementation is key so that you do not get hung up on optimizing too much which could result in not delivering your output on time.

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DATE	4/04/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Export to Excel Code Refactoring, New Filtering Functionality	SHIFT/TIME	8:27 AM to 5:37 PM

Today I first refactored my initial implementation of the export to Excel, I made it more efficient and reusable so that I do not have to repeat the code for the report headers, columns headers, and the footer, all I need to manipulate is the body. From the improved code, I created the initial implementation for the group by cashier and sites for export to Excel. From there I also created the initial implementation for the report for cashier show balance and status through crystal reports. Before ending my shift, I fixed the installation of Barter on my laptop for on-site use tomorrow. The problem was that I was using an older version of the database backup, so I restored the backup found on my pc to my laptop.

Today, the importance of reusable and non-redundant code stuck with me as I had to do several reports on crystal reports and Excel. Redundant code would make the codebase hard to maintain and inefficient, so I strived and did my best to make my code reusable. Furthermore, I learned that to not get overwhelmed you need to break down your tasks into smaller, more manageable and quantifiable tasks. Moreover, I believe that getting something done in a sloppy manner is better than not doing it at all. I do not mean to keep it sloppy, but your initial implementation will get your foot through the door to a working implementation. From there you could take a look at your code for places where optimizations can be done.

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DATE	4/05/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Export to Excel Functionality, New Reports Query and Filter	SHIFT/TIME	8:30 AM to 5:32 PM

Today we went to iRipple and got our pre-employment documents signed and to work on-site (I learned how to commute). We were also able to meet the CEO and she told us to enjoy our experience. As for my tasks in the morning I was able to create the initial implementation for the export to Excel functionality for the group by cashier with balance and status. I tried to apply styling to the Excel form, but I decided to finish all the other reports first. In the afternoon I was able to create the initial implementation for the crystal report of the group by payment type. This was different from the other reports as I had to query a whole different data set, so which means I had to create a new model, query, and report formulas and formats.

As for working on-site, I felt more productive as there were no distractions unlike working from home where you need to do your other responsibilities. Furthermore, being on-site gives you the feeling of needing to get more stuff done. Furthermore, I felt my practicum more as I was able to physically interact with professionals. However, I also realized the benefits of working from home. At home, I could wake up just before the start of my shift and I don't have to waste time commuting due to iRipple being far away and due to the traffic. Moreover, it is also expensive due to commute and food expenses. So, in the future, I hope to have a job with a hybrid setup to get the best of both worlds.

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