



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	3/16/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Company Orientation, Studying System Documentation	SHIFT/TIME	8:30 AM to 5:30 PM

Technical Documentation

- Interns were briefed by HR about the company, its different products, services, departments, and the executive committee.
- Briefed on what my tasks were. I was told that I would be updating the old documentation of the Barter 8 system.
- Started studying the old documentation of the Barter System which encompasses a brief overview of the system.
- Took down notes on some things that I wanted to clarify to my supervisor.



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DATE	3/17/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Study and Update Documentation, Install Software	SHIFT/TIME	8:30 AM to 5:30 PM

Technical Documentation

- Finished reading the existing documentation of the Barter System that I needed to update. Learned a lot about inventory management and POS.
- Was able to clarify some of the terms and processes that I was unsure of to my supervisor.
- Installed MSSQL in preparation for the installation of the Barter system.
- Updated the documentation on how to create, backup, and restore databases in SQL management studio.
- My supervisor was supposed to install the Barter system today but couldn't, so my other tasks were moved to Monday.

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DATE	3/20/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	Software Installation, C# Desktop Development	SHIFT/TIME	8:30 AM to 5:30 PM

Software Development

- Barter 8 system was installed on my computer along with its dependencies such as its database MSSQL and its other modules.
- Barter 8 was created on VB 6 and that he told his developers they were migrating to creating future Barter modules using C#.
- My tasks were shifted from updating the documentation of the existing system to developing modules using C#.
- Familiarized myself with the different .NET desktop controls (components) such as combo boxes, ListViews, labels, checkboxes, and more. As a practice, I was tasked to recreate two existing modules by imitating their UI and functionality through connection with the database.
- I am glad that I was moved to a developer role as this is what I want to pursue in the future. I am also comfortable developing in C# specifically desktop applications, but I still have a lot to learn about generating reports through Crystal reports and exporting to Excel.



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DATE	3/21/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	C# Desktop Dev Refresh, Database Connection	SHIFT/TIME	8:30 AM to 5:30 PM

Software Development

- Continued the creation of the first sample form that was tasked to be created by my supervisor.
- Was able to bind the terminal dropdown to the corresponding site selected and order with a connection to the MSSQL database.
- Started on the layout of the UI components of the second more complicated form that I needed to replicate.
- Learned and used SQL Server Profiler to capture queries done on the database. This is useful when knowing what queries are being done so that I can replicate it with the new module.



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DATE	3/22/2023	AREA ASSIGNMENT	B&HI Segment RnD Department
TASK	C# Desktop Development, Report Generation Research	SHIFT/TIME	8:30 AM to 5:30 PM

Software Development

- Added functionality to the form controls of the second more complicated form such as selecting the site, group by, and payment type.
- Studied the tables, their columns, and their different relationships. This led me to refresh my SQL knowledge as I have to make queries, join tables, filter, and order data.
- Researched how to generate reports using Crystal Report in C#.
- Installed and created the initial queries such as what columns I needed to generate the report. From there I created the initial models for the initial implementation that I will start tomorrow.



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