Malayan Colleges Laguna
A MAPÚA SCHOOL

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

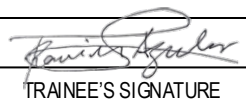
DAILY JOURNAL

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	April 25 - April 29 2022	AREA ASSIGNMENT	ATA
TASK	AWS Application Developer module	SHIFT/TIME	8:00 AM - 5:00 PM

This week, I started doing the AWS application developer module where I learned more about DevOps which is a combination of culture and practices that helps in improving organization's ability to deliver application and services compared to the traditional software development. Some practices that I will personally use in the future would be, continuous integration wherein whenever we have changes in the code and configurations, we immediately merge or commit it to a central repository like Git, Azure DevOps or AWS CodeCommit. This will allow me to easily track and address bugs and even go back to previous builds since each iteration of the code is saved in this repository. Another practice is the continuous delivery wherein code changes are automatically built and then undergoes in automated testing like unit test, load test, and performance testing. After this stage, it will then be deployed in a test or production environment so that we have a copy of the software that already passed standardized test. This will streamline the process of deployment of software. The next part of this module is the programming part which includes high level programming and scripting like .NET, C, C#, C++, Java, Python, Javascript, AWS CLI, PHP, Powershell and Ruby. Most of the tasks here is basically a review of my previous knowledge on programming that are either taught to us in MCL or I self-learned during my spare time except for AWS CLI, powershell and ruby. The same goes for the web development part, since I am already familiar in various technologies that concerns web development this part is quite easy for me. The mobile development part was quite new and challenging since this part is not the typical programming using Android or IOS. This uses the AWS mobile hub which focuses on mobile development in the cloud. I learned about AWS amplify which is a mobile SDK for android and IOS and this library allows us to build and host applications that can be easily integrated to AWS resources. Additionally, in the game development part, I was reminded on how to gain user sentiment by improving the performance of your application. I also learned about different scalable game architecture that utilizes AWS services. I was amazed that by using AWS mobile hub you can actually create a game with minimal coding. I can create a serverless game that utilizes dynamoDB which is a NOSQL database to store data. I can also send data to users in real time regarding events using Amazon Kinesis Recorder which I normally do through web socket connection. I can also push notifications to users by using Amazon SNS mobile push and for analytics I can user Amazon mobile analytics to analyze user behavior. The last part was a review on data structures, relational database, operating system and virtualization which is also discussed in the previous learning path module.



TRAINEE'S SIGNATURE