TECHNOLOGICAL INSTITUTE OF THE PHILIPPINES – QUEZON CITY
COMPUTER ENGINEERING DEPARTMENT
PLANT VISITS AND SEMINARS FOR CPE (CPE 502)
2nd SEMESTER | S.Y. 2019 – 2020

SEMINAR ACCOMPLISHMENT FORM

<table>
<tr><td rowspan="2">Student Name and Signature:
 
Halog, Harold P.</td><td>Seminar Number: 1
Date: Nov 26 2022
Title: IT Virtualization, Containerization and Automation</td><td>Speaker/s:
Engr. Terrence Tarroma</td></tr>
<tr><td>Venue: Online</td><td>Company: TIP</td></tr>
<tr><td>LESSON LEARNED:
What value did you get from the activity?</td><td>ACTION PLAN:
What is the best idea that you learned in this activity that you plan to apply on your future career as Computer Engineer?</td><td>REFLECTION:
Discuss briefly how the seminar contributed in your transformation as graduating CpE students of T.I.P.?</td></tr>
<tr><td>The host system can tolerate larger program loads thanks to virtualization; therefore, my main worry was how to control network resource access across all deployed containers more effectively. A container's intrinsic ability to be quickly moved or replicated between network settings increases recyclability and adaptability while reducing the time and effort required from development teams. Finding ways to reduce the amount of time authorized or regular users spend performing routine tasks can help you save money in the long run by lowering errors and debugging time.</td><td>As a prospective front-end engineer, I will have the chance to work with individuals who frequently aren't in my field. Additionally, I can run into issues and challenges because I work as a computer engineer. I will be able to employ IT virtualization, containerization, and automation in my work once I have learned more about them. I think that putting it into practice will encourage a fruitful work environment for me and my teammates.</td><td>The presentation motivated me to further my understanding of IT virtualization, containerization, and automation as a graduating student in the computer engineering program at TIP, as well as to learn more about these subjects. Enterprise servers are typically utilized during the construction of a data center.

The amount of daily traffic that is processed by each server is unique. If additional traffic is pushed at a certain set of servers, then those servers will become noticeably busier. Because the</td></tr>
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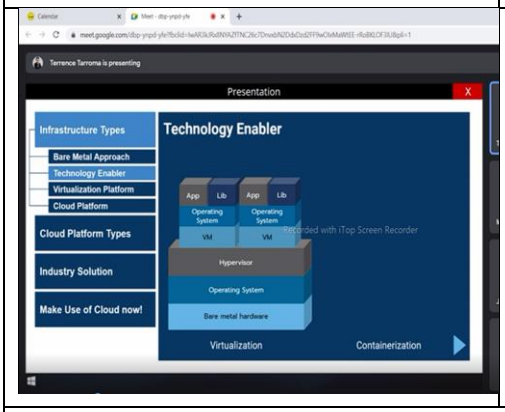
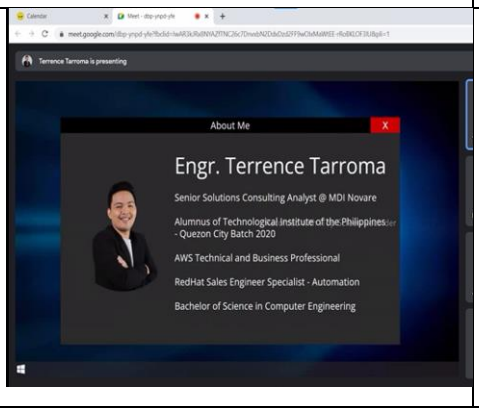
		remaining servers are either not being used to their full capability or are completely inactive, there is a loss of power as well as an increase in the amount of money spent on maintenance. This is in addition to the other resources that are being wasted. As a direct result of the changing conditions, businesses started investigating several methods by which they could scale up, scale down, and simplify the process of application deployment.
		
Recommendations for improvements: none		