



PAMANTASAN NG LUNGSOD NG MUNTINLUPA  
**COLLEGE OF INFORMATION TECHNOLOGY**  
**& COMPUTER STUDIES**  
University Road, NBP Reservacion, Poblacion, Muntinlupa City

[Cover Page]

## A Reflection Summary Report

in

# 15<sup>TH</sup> IT SUMMIT WEBINAR

Advancing Careers Through Professional Development  
November 6- 7, 2024

In Partial Fulfillment with the Requirements in the Course  
**Professional Development**

Submitted by:

**Ivan Carl T. Neri  
BSIT - 4D**



[Acknowledgement]

## **ACKNOWLEDGEMENT**

I would like to express my heartfelt gratitude for the opportunity to attend the 15th IT Summit Webinar, with the theme "*Advancing Careers Through Professional Development.*"

First, I want to thank the main organizers, Ms. Nirose Costas and Mr. Orville James Santiago, for their hard work and dedication in making this event such a valuable and inspiring experience for students like me. Your efforts have truly left a lasting impact.

I am also incredibly grateful to our esteemed guest speakers. On Day 1, Ms. Baby Berneth B. Dela Cruz delivered a powerful and insightful session that opened my eyes to the Software and Quality Assurance industry. On Day 2, Mr. Richard F. Opiano shared his expertise and wisdom on the field of cybersecurity, motivating us to continuously strive for growth and professional excellence.

Finally, a huge thanks to everyone behind the scenes - the technical team, volunteers, and facilitators - who ensured that everything ran smoothly. Your efforts allowed us to focus on learning and growing.

[Document Outline]

## **OUTLINE**

- I. Cover Page
- II. Acknowledgement
- III. Document Outline
- IV. Reflection Summary/ Introduction
- V. Screenshots
- VI. Student Profile (CV)



## PHOTO GALLERY



### Name of person giving welcome remarks

Ms. Kaycee R. Mendez

### Content of his / her welcome remarks (not less than 5 sentences)

Ms. Kaycee first thanks the host for organizing the IT Summit and warmly welcomes all the students in attendance. She highlights the importance of the event, stating that as the students stand on the brink of graduation and prepare to enter the professional world, today's IT Summit serves as a valuable stepping stone. She shares a story about meeting a young IT graduate who, through perseverance and dedication, secured a job as a software developer, emphasizing the lesson that success comes from continuous learning and hard work. She explains that the IT Summit is not just another event but an essential opportunity to grow, network, and gain insights for their future careers. Lastly, she reminds the students that learning does not stop after graduation, encouraging them to view it as a lifelong commitment.



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**Name of person giving Introduction to the Guest Speaker (Day 1)**

Asst. Prof.. Maria Victoria G. Solatorio

**Give at least five credentials / achievements of the guest speaker**

1. Masters in Information Technology from Philippine Christian University
2. Bachelors in Computer Engineering from STI College Southwoods
3. Cisco Certified Support Technician
4. IT Specialist in Cybersecurity
5. Licensure Examination for Teachers Passer
6. Career Service Professional Eligibility

**Name of person giving Introduction to the Guest Speaker (Day 2)**

Asst. Prof. Maria Victoria G. Solatorio

**Give at least five credentials / achievements of the guest speaker**

1. Currently Software Quality Assurance Tester at Nityo Infotech Services Philippines Inc.
2. Landed a job at Alsons/AWS information system in which she moved up from junior to senior quality tester



3. Expertise in Testing Creation, Text Execution, Detect Logging and Team Collaboration
4. Provided on site support on Yokohama, Japan
5. Masters in Information Technology

## DAY 1

Understanding Cybersecurity Terminology

- Vulnerability: A weakness in software, hardware, or procedure (e.g., unpatched software).

Richard F. Orpiano

BSIT 4D\_IVAN CARL NERI

### Name of the Guest Speaker

Mr. Richard F. Orpiano

### Title of the Topic :

Understanding Cyber Security

### Critical Learning Areas learned about (Give atleast 5 learnings)

1. Major flaw in developing a login page is displaying which of the inserted information is incorrect ("Incorrect Username", "Incorrect Password"). This practice should be changed to "Incorrect Username or Password" to maintain anonymity.
2. Although the technology in securing cyberspace is improving, cyber attacks such as Phishing, Trojans and SQL Injection still happen from time to time. In order to combat this, the space should be hardened with security such as Firewalls, IDPS or Endpoint Protection which hardens the security by removing the vulnerabilities



3. There are different Threat Actors to cybersecurity, hackers which vary according to the goals, cybercriminals or hacktivists. One of the most popular was the Anonymous Philippines in which they defaced the COMELEC website into making better election security measures.
4. Most of the common malicious programs can be seen running in the Task Manager, by looking into discrepancies or inconsistencies, you can easily identify which of the programs are malicious.
5. There are different tools/ways a hacker can attack someone's computer. Malware, which uses malicious programs and files. Viruses which infect other files to do harm, Worms who self-replicate themselves in a loop, Ransomware which encrypts the data and hackers demand money for access, etc. In order to avoid these problems, don't try to open suspicious emails, avoid clicking unofficial links and regularly update your operating system.

## DAY 2

What is Software Testing?

- Software testing is a set of activities to discover defects and evaluate the quality of software work products
- Software testing assesses software quality and helps reducing the risk of software failure in operation

### Name of the Guest Speaker

Ms. Baby Berneth B. Dela Cruz

### Title of the Topic :

Software Quality Assurance Testing



### Critical Learning Areas learned about (Give atleast 5 learnings)

1. Software Testing is essential in implementing a software system. This testing allows them to detect defects and assess its software quality to reduce the system failures when a customer uses the system.
2. Although the job is called Software Quality Assurance Testing, testing and quality assurance have different meanings. Testing is the product-oriented, corrective approach while Quality Assurance is the process-oriented, preventive approach.
3. There are different principles in testing such as, testing the system shows the presence not the absence of defects. This means that the goal of testing isn't to show that there are no bugs/errors but to prove or see if there's bugs/errors on the system.
4. Creation of testing should follow criterias, this includes referring to the functional design specification and user stories, including all possible test scenarios and test steps should be detailed. These criterias ensure a plausible and reliable testing.
5. After testing, reports should be made. Testing reports should be sent to every single one of the stakeholders. It also should include the following: Test activity title, test progress and the list of active defects.



### Name of the Person facilitating the Q and A (Day 1)

Ms. Nilrose Costas and Mr. Orville James Santiago

**Give at least 3 questions raised and how it was answered by the guest speaker**

1. Does VPN really protect you?
  - a. Mr. Richard explains that VPN is still dangerous especially to those free one's, but he thinks that the VPN that companies or corporations use are safe.
2. What advice would you give to someone who wants to learn more cybersecurity?
  - a. Mr. Richard gives websites that provide free training about cybersecurity which also gives certificates. He also advises to watch a lot of videos with in-depth explanations about cybersecurity.
3. How about the web security when it comes to the password being stored in the database, other than password hashing, what's the other solution? And how do you explain the hacking using osi layers?
  - a. Mr. Richard provides additional options such as hlib and SHA25 and in terms of osi layers, he said that they should try to remember the ports.



**Name of the Person facilitating the Q and A (Day 2)**

Ms. Nilrose Costas and Mr. Orville James Santiago

**Give at least 3 questions raised and how it was answered by the guest speaker**

1. Are there any specific tools or certifications you recommend before starting out in QA?
  - a. Ms. Berneth explains that you have to start as a manual tester first to hone your skills in finding defects, she also said that it's not totally required to have tools when you're just starting out but it still depends on the company. In terms of certifications, she recommends ISTQB (International Software Testing Qualifications Board) because it is well known.
2. What can you advise to focus on learning if pursuing to be a QA Tester?
  - a. Ms. Berneth explains that there should be no specific learnings, she said that they should really refer to the stakeholder's requirements.
3. What's the most difficult thing you did as a QA Tester?
  - a. Ms Berneth says that the most difficult thing she did was to execute test cases and test configurations in 3 different projects at the same time with 3 different laptop models and she's just alone at that time.



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**Name of person giving closing remarks**

Mr. Paul Joshua Maglaya

**Content of his / her closing remarks**

Mr. Paul begins by thanking the host and everyone present for their efforts and participation. He shares his confidence that the students have learned a lot from the summit, evident from their active engagement during the Q&A portion. He expresses gratitude to the organizers, speakers, and attendees, acknowledging that their involvement made the IT Summit both special and successful. He encourages the students to apply what they have learned and use it as a foundation to grow and advance their IT careers.

**Selfie while watching**





## REFLECTION

### **What are the learnings you acquired during the seminar?**

During the seminar, I understood that while technology is advancing, threats like Phishing and Malware remain common, making tools like Firewalls and Endpoint Protection critical for safety. Learning about different types of hackers and their motivations, like hacktivists and cybercriminals, highlighted the importance of proactive cybersecurity. I also saw how essential software testing is, not just to find bugs but to ensure the system is reliable and meets user needs. Lastly, I realized how crucial it is to create detailed testing reports to keep stakeholders informed and improve software quality.

### **How do you think you can apply these learnings as an IT Professional in the near future?**

As a student, I can apply these learnings by practicing secure coding in my projects, like using general error messages to protect user data and prevent hacking attempts. By making software testing a priority, I can ensure that my programs are not only functional but also reliable and user-friendly. Writing detailed reports for group work will help me improve teamwork and keep everyone on the same page. Understanding how different hackers operate has made me more aware of potential threats, and I'll use this knowledge to design better solutions. These skills will help me build a strong foundation for my future as an IT professional.

### **By applying this learning, how do you think we can make this happen? (Cite what will be the contribution of the institution and what will be the contribution of the student?)**

To make this happen, the institution can provide students with opportunities for hands-on training, such as workshops, seminars, and access to modern tools and technologies that emphasize cybersecurity and software testing. They can also invite industry experts to share insights and real-world practices. On the other hand, students can actively participate in these initiatives, apply the skills they learn to academic projects, and collaborate with peers to develop innovative and secure solutions. The institution ensures guidance and resources, while students take the initiative to practice and grow their skills. Together, they can build a foundation for producing competent and responsible IT professionals.



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**Name:** Ivan Carl T. Neri

**Age:** 21

**Date of Birth:** August 2, 2003

**Address:** #123 Balbanero Compound Alabang,  
Muntinlupa City

**Contact Number:** 09636462682

**Student Number:** 21136828

**Email Address:** neriiivancarl\_bsit@plmun.edu.ph

**School/University:** Pamantasan ng Lungsod ng Muntinlupa

**Course:** Bachelor of Science in Information Technology

**Year Level:** 4th Year Undergraduate

