

Lab 00 – Searching and Reporting

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Course Section: IS-1003-002

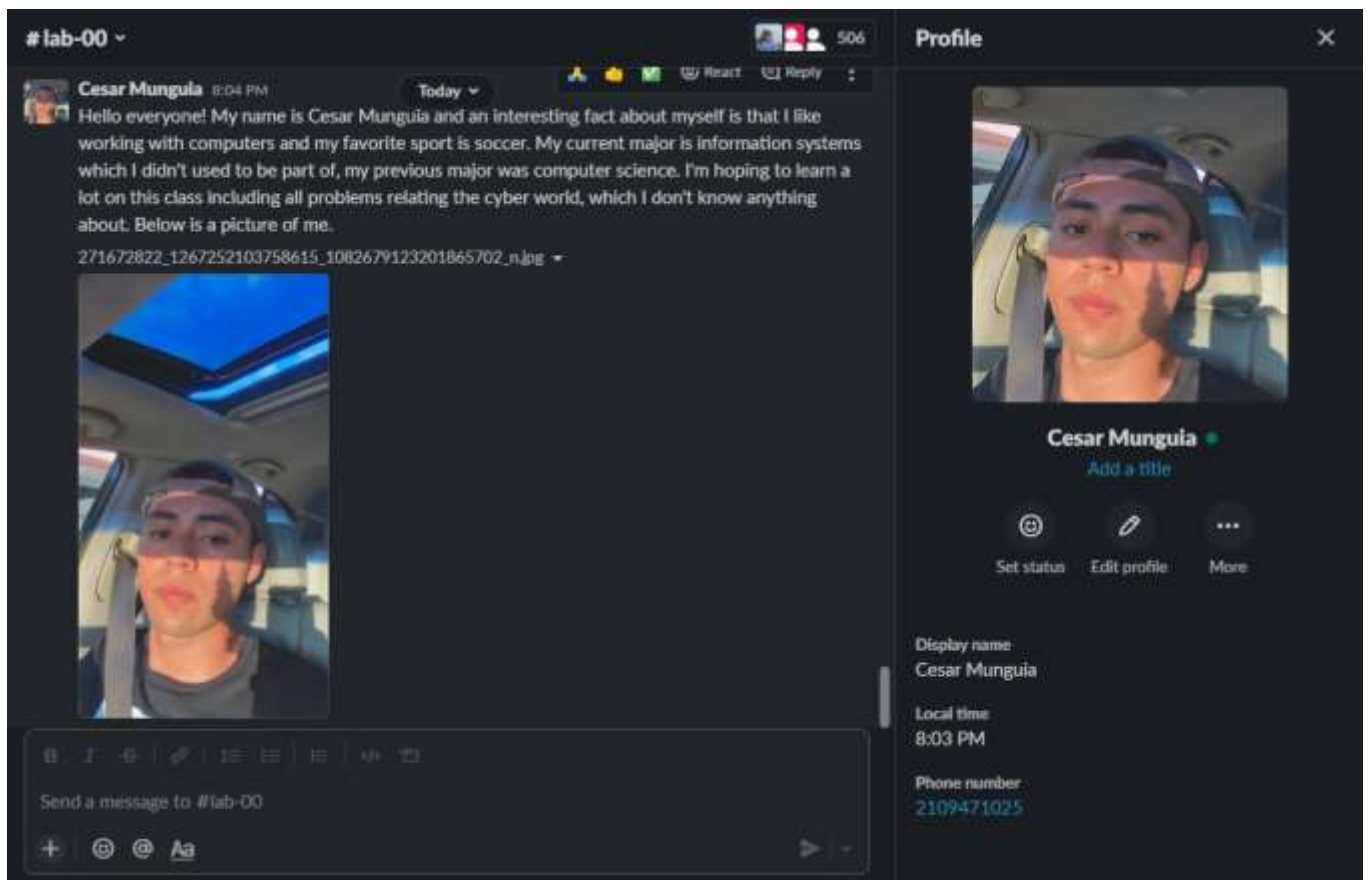
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INTRODUCTION

The main purpose of this laboratory is to get familiar with the tools, taking screenshots, and with process of making a security-related lab report for this particular class. It could be said that this report is a security blog because it contains useful information about certain issues or topics, in this case search engines and general information about my own personal computers.

PROCESS

1. This .jpg image is a particular screenshot of my personal computer's desktop that I myself cropped to only contain the information required which was my profile and a published post in the lab-00 forum. The post is a brief description about myself, my interests, and the expectations I have for this class on the current semester. I also included a picture of myself on the post and on my profile.



2. On this particular step, I was required to download and install the work tools we will be using during the entire semester, which are all required to have. I had already installed them months before so I did not have to go through the process of installing these programs.

This following .jpg screenshot shows the taskbar of my personal computer's desktop that includes the word processing and Acrobat applications.



3. Here I had to create a folder named "Unlocking Cyber" in my computer that would let me save all my work and labs for this class. Inside that folder I created another folder named "labs" where I would specifically save labs only to better organize myself and my work.

Folders are organized in a hierarchy in any computer's operating system. Meaning you have to "access" certain points to get to files or any other type of records, information, folders, and/or directories. I included both methods for each "path".

Graphical pathname:



Non-graphical pathname:

C:\Users\hp\Desktop\Unlocking Cyber\labs\Munguia-tuk372-IS1003_Lab-00.pdf.

4. There are a few computer requirements an individual needs to meet certain minimum standards whenever he/she enters a department in the College of Business in UTSA. I've checked at the school's website which are the things that I am required to have in order to be successful in the following department/major.
 - On the school's website it clearly says that all students may need up to 100GB or more of free storage space per semester which I'll have no issue with because my computer has a storage of almost 1TB and I only use this personal computer for school. For that particular reason, there is no need for me to install more storage in the future because it already has enough for my whole undergraduate career at least.
 - Another requirement is to have an Intel Core i7 processor which my computer does.
 - Another requirement is to have a RAM of at least 16GB. However, my computer only has half of what is required. My proposal would be to buy a RAM with a bigger storage capacity and install it on my computer.
 - Another requirement is to have a Webcam (internal or external), a speaker and a microphone, which my computer has all of these things with an internal webcam.
 - Another requirement is to have Wi-fi capability, which my computer does have.

- Another requirement is to have a Windows 10 operating system, moreover my computer has a Windows 11 operating system.
- Another optional requirement is to have a reliable internet connection at home, and I personally have an internet up to 300 Mbps which is enough for one device to work efficiently.

I've also noted that there are some classes where I don't need a computer to pass the class, those classes include IS 1403, IS 1413, IS 3003, IS 3533, IS 6373, and IS 6763.

Item	Value
OS Name	Microsoft Windows 11 Home
Version	10.0.22000 Build 22000
Other OS Description	Not Available
OS Manufacturer	Microsoft Corporation
System Name	DESKTOP-ES48MFT
System Manufacturer	HP
System Model	HP Laptop 15-bs1xx
System Type	x64-based PC
System SKU	2UE54UA#ABA
Processor	Intel(R) Core(TM) i7-8550U CPU @ 1.80GHz, 2001 Mhz, 4 Core(s), 8 Logical Pr...
BIOS Version/Date	Insyde F.34, 1/25/2018
SMBIOS Version	3.0
Embedded Controller Version	23.47
BIOS Mode	UEFI
BaseBoard Manufacturer	HP
BaseBoard Product	832A
BaseBoard Version	23.47
Platform Role	Mobile
Secure Boot State	On
PCR7 Configuration	Elevation Required to View
Windows Directory	C:\WINDOWS
System Directory	C:\WINDOWS\system32
Boot Device	\Device\HarddiskVolume2
Locale	United States
Hardware Abstraction Layer	Version = "10.0.22000.1"
User Name	DESKTOP-ES48MFT\hp
Time Zone	Central Standard Time
Installed Physical Memory (RAM)	8.00 GB
Total Physical Memory	7.92 GB
Available Physical Memory	2.38 GB
Total Virtual Memory	9.17 GB
Available Virtual Memory	2.35 GB
Page File Space	1.25 GB
Page File	C:\pagefile.sys
Kernel DMA Protection	Off
Virtualization-based security	Not enabled
Device Encryption Support	Elevation Required to View
Hyper-V - VM Monitor Mode E...	Yes
Hyper-V - Second Level Addres...	Yes
Hyper-V - Virtualization Enable...	No
Hyper-V - Data Execution Prote...	Yes

LIMITATIONS/CONCLUSION

I was able to complete everything in this lab, however, there was one specific requirement I wasn't able to meet. Such requirement was to have a RAM capacity of 16GB, but my computer only has 8GB. My proposed solution for this is to buy a RAM with a bigger storage capacity and install it in the future.

The goals of the techniques I learned in this lab allows me to be better prepared for my future works which follow almost the same unique format and style. These are relevant to my current degree because I will be using these techniques on a daily basis whenever I get to the work place. In this way, it's better to start getting used to them right now so no issues come up for me in the future.

REFERENCES

Technology requirements. UTSA Business. (2021, December 8). Retrieved January 29, 2022, from <https://business.utsa.edu/tech-requirements/#tab-137782>