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S2G1

# Lab 4

**4.1.1 Task**

A picture containing text

Description automatically generated

Metadata of a Microsoft Word document

Based on the task above, describe:

a. What is metadata?

Metadata provides information about a certain file or directory.

b. The significant of identifying file metadata in forensics investigation process.

To analyse the content of a file properly, we must first know what software is required to open and view the content of the file. We can also extracts valuable information such as who was the file’s author and when was it created.

**4.2.1 Task 1: Identifying the case requirements**

1. What is the nature of the case?

- Misuse of company’s facilities

2. What are their names?

- Chris Murphy and Nau Tjeriko

3. What do they do?

- Conduct side business using company computers.

4. What is the OS of the suspect computer?

- Windows

5. What type of media needs to be examined?

- A USB drive

6. What is the suspect computer’s configuration, such as type, CPU speed, and hard drive size?

- A desktop PC

**4.2.2 Task 2: Planning the Investigation**

What can be assumed or already know about the case:

* Chris and Nau’s absences might or might not be related
* Chris’s computer might contain information explaining their absence
* Assumed no one else has used Chris’s computer since he disappeard
* A USB Drive left by Chris might contain information
* Nau might travel to Europe

**4.2.3 Task 3: Conducting the Investigation**

Graphical user interface, text

Description automatically generated

FAT1 file

Graphical user interface, text, application, email

Description automatically generated

announce kayak.sxw

**Conclusion**

Based on the findings, we can conclude that Chris and Nau are collaborating to steal Superior Bicycles’s intellectual property and sell them to competitors. In order to achieve this, Chris sent a message to the competitor to contact him for the blueprints and purchase details.