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| **Assignment Case** | Diagram  Description automatically generated |
| COMP6544 | COMP6544001  Network Penetration Testing |
| **Cyber Security** | **O223-COMP6544-JF02-01** |
| ***Valid on*** *Odd Semester Year 2021/2022* | **Revision 00** |

1. Seluruh mahasiswa tidak diperkenankan untuk:

*All students are not allowed to:*

* + - Berdiskusi dan/atau bekerja sama dengan mahasiswa lainnya

*Discuss and/or work together with other student participants*

* + - Melihat sebagian atau seluruh jawaban mahasiswa lain

*Seeing a part or the whole answer from another student*

* + - Membuka dan menyalin dari **BUKU** atau **CATATAN**, **VIDEO** dari pengajar (recording kelas, VBL, Youtube, dsb) dan **REFERENSI** lainnya

*Open and copy from any resources such as notes, videos (class recording, VBL, Youtube, etc) and other references*

* + - Membuka dan menyalin jawaban dari internet (google, stackoverflow, dsb)

*Open and copy answer from the internet (google, stackoverflow, etc)*

* + - Mengerjakan soal yang tidak sesuai dengan tema yang ada di soal,

*Working with another theme which is not in accordance with the existing theme in the matter of the case,*

* + - Melakukan tindakan kecurangan lainnya,

*Committing other dishonest actions,*

* + - Secara sengaja maupun tidak sengaja melakukan segala tindakan kelalaian yang menyebabkan hasil karyanya berhasil dicontek oleh orang lain / kelompok lain.

*Accidentally or intentionally conduct any failure action that cause the results of the project was copied by someone else / other groups.*

1. Jika mahasiswa terbukti melakukan tindakan seperti yang dijelaskan butir 1 di atas, maka **nilai mahasiswa** yang melakukan kecurangan (menyontek maupun dicontek) akan di – **NOL** – kan.

*If the student is proved to the actions described in point 1 above, the score of the student which committed dishonest acts (cheating or being cheated) will be “Zero”*

1. Perhatikan jadwal pengumpulan jawaban, segala jenis pengumpulan jawaban di luar jadwal tidak dilayani.

*Pay attention to the submission schedule, all kinds of submission outside the schedule will not be accepted*

1. Bila Anda tidak membaca peraturan ini, maka Anda dianggap telah membaca dan menyetujuinya

*If you have missed to read these regulations, so you are considered to have read and agreed on it*

1. Persentase penilaiaan untuk matakuliah ini adalah sebagai berikut:

*Marking percentage for this subject is described as follows:*

|  |
| --- |
| **Tugas Mandiri**  *Assignment* |
| 100% |

1. Software yang digunakan pada matakuliah ini adalah sebagai berikut:

*Software will be used in this subject are described as follows:*

|  |
| --- |
| **Software**  *Software* |
| VM Kali Linux 2019.1  VMware Workstation 16 |

## Ekstensi file yang harus disertakan dalam pengumpulan tugas mandiri untuk matakuliah ini adalah sebagai berikut:

*File extensions should be included in assignment collection for this subject are described as follows:*

|  |
| --- |
| **Tugas Mandiri**  *Assignment* |
| DOCX |

## Soal

*Case*

**Happy Candy Store**

**Happy Candy Store** is a supermarket that sells all kinds or types of candies. Although the store was established in 1700s, its sudden rapid growth in the recent years brought suspicion. There are some reports that the company is involved in **drug dealing**. The authorities are investigating it and found that the company owns a **hidden** **website**. Now, the authorities want you as Network Penetration Tester to **find the website and make a report about all the vulnerability** in the website. You need to **write the result** of your findings in an **executive summary** as **clear** as possible.

There are 4 things that you will need to do:

1. **Information Gathering**

Do some information gathering to know **all open ports in his server** and looks for the right port **where his apache service resides**. Do not forget to **write the result** of the information such as **server IP** and **OS fingerprint** you gain in this phase.

1. **Find File**

After you get the correct port, the police officers want you to look for the private data in the store website. They want to **check whether the website is exposing private information**. The file contains information about **the illegal transaction** that the company does. Please note that you also need to **find all hidden directories** in the web. You need to perform **brute force attack** to get the file in the hospital’s website.

1. **Find Hidden Page**

There are some pages that are **hidden**, and you **cannot access those pages** using the **provided links** in the **navigation bar**. You need to **find those pages** and **attach** them to **your report**.

1. **Make a Report**

After finding the problematic file please **make a report of all process** that has been obtained from the results of your investigation.