**CYT245 Assignment5 Winter 2024 – 4%**

**Team work**

**Teamwork policy**

You are asked to enter student names below:

# Note from the Article “How to use MITRE ATT&CK Navigator: A step-by-step guide”, by Kurt Ellzey

Sorting through information can be a difficult task at the best of times. When you are dealing with a literal mountain of actionable data like the MITRE ATT&CK Knowledge Base, just picking a starting point can be a tough job. Fortunately, MITRE has created the MITRE ATT&CK Navigator— a tool for searching across the entire KB and bringing together [particular attack types](http://infosecinstitute.com/skills/train-for-your-role/penetration-tester/?utm_source=resources&utm_medium=infosec%20network&utm_campaign=skills%20pricing&utm_content=hyperlink) and custom notations for organizations. ©

**Objectives:**

* **Familiarize yourself with the content of the MITRE ATT&CK Navigator tools**

**Pre-requisites:**

Understanding of the MITRE ATT&CK Matrix tools

**Sources of information:**

Links to locate and download the Navigator:

<https://github.com/mitre-attack/attack-navigator>

<https://github.com/mitre-attack/attack-navigator/releases/tag/v3.1>

<https://www.youtube.com/watch?v=nIYPcV5q9-g>

Links to Web-based version of Navigator

<https://mitre-attack.github.io/attack-navigator/>

Link to the video and learning tools

[Introduction to ATT&CK Navigator - YouTube](https://www.youtube.com/watch?v=pcclNdwG8Vs)

[MITRE ATT&CK Navigator Overview | SANS ICS Concepts - YouTube](https://www.youtube.com/watch?v=yzt_NZ4WEao)

[How to use the MITRE ATT&CK Navigator - YouTube](https://www.youtube.com/watch?v=78RIsFqo9pM)

<https://resources.infosecinstitute.com/topic/how-to-use-mitre-attck-navigator-a-step-by-step-guide/>

**Task description:**

1. **Read the text from GitHub. When you connect to the GitHub site you see the following screen. Text is located under “help”.**

**Graphical user interface, text, application, email

Description automatically generated**

1. **Watch the video, where the Navigator functions are explained.**
2. **Start Navigator on your computer and play with the functions to capture the Navigator capabilities.**
3. **Implement the following Use Cases on your computer**

* **Create new layer**
* **Open existing layer**
* **Create layer from other layers**
* **Do that, assuming that you are in need to compare technics which are utilized in 2 groups, for example APT19 and APT33. Actually you can take any 2 groups, but not the same as used in the video.**

1. **Make screenshots and meaningful comments for each step of implementing Use Cases.**

**For this task:**

* **use your own computer,**
* **include Screen0 to confirm your ownership,**
* **run as per description,**
* **make screenshots and include them into MS Word document for submission,**
* **include your comments to explain the context on your computer and the result.**
* **Upload the MS Word document to BB.**

**Submission Upload Requirements**

Make online submission to BB, only one submission from your team.

If you have more than one document, wrap it up to ZIP, 7ZIP, or RAR folder

Name the file you will uploading as indicated below. The name must include:

* Course ID (CYT245)
* Section
* What is this (e.g. lab1, assignment 1, etc )
* Authors by name(s)

**Sample: CYT245\_Lab1\_PeterJohnMohammadSue**

**Note: submissions that do not follow the requirements will not be accepted**