Unit 1 Team Notes:

Objectives:

Discuss planning of project.

Sign Team Contract

Notes:

1. We discussed the team contract and how we want to roughly plan the module. Plan to meet weekly to discuss progress and any other assignments. Each of the main essay points will be split into five 200-word sections between the group members.

Unit 2 Team Notes

Objectives:

Discuss Project

Seminar 1: Stride & Dread Tools

Notes:

1. Discussed Austin starting the first part of the project. He will attempt to have it done before next week. Afterword’s Qaism will take over.
2. Discussed the first seminar preparation assignment: Stride & Dread Tools. The consensus was that network security solutions are the most vulnerable of the three. Followed by network protocols and unsecure software. Another suggestion was insecure programming. We gave network security solutions a level 3-high risk and the other two-level 2-medium risk. We produced seven other mitigations that could be used. Them being zero trust, IPS/IDS, packet filtering, honeypot, account lockout, cyber training, two-factor authentication.

Unit 3 Team Notes:

Objectives:

Discuss Project

Practical & Team Activity

Notes:

1. Reviewed Austin’s progress on the project and made changes. Qaism will take over and write the next 200 words. Will review it again next meeting.
2. Doing the scans there were a few issues we all had. The main one seemed to be getting blocked on the website by its reverse proxy. We discovered using a VPN can bypass it. Other than that it was just basic issues associated with the commands. We were able to research online and watch tutorials to get a better idea about what to do. The results found will be valuable for the final report given, and they will be used as a starting point for the research.

Unit 4 Team Notes

Objectives:

Discuss Project

Seminar 2 Preparation: TCP/IP v ISO/OSI

Notes:

1. Reviewed Qaism progress on the project. Aldo will take the next 200 words.
2. The consensus was split regarding whether TCP or OSI was better. Regardless it was unanimous that it was hard to truly envision what the modern world could’ve been like. For those on the OSI side, it was said to be better because of its versatility. On the other side TCP, was argued to be better because of its rigidity. It provides a solid framework that doesn’t necessarily change as much. This allows it to be better standardized. Overall, it was a very split opinion, with plenty of valid opinions.

Unit 5 Team Notes

Objectives:

Discuss Project

Notes:

1. Reviewed Aldo’s progress and made any necessary changes. Thomas and Kingsley will finish the paper off before the next meeting.

Unit 6 Team Notes:

Objectives:

Final Review of Project

Seminar 3 Preparation: Evaluation Exercise

Notes:

1. Did a final read of the paper as a group. We made some minor changes related to the references. Lastly, we turned the project in.
2. We discussed the results of us going over the 8 different vulnerability tools. As a whole, it was agreed that it was difficult to evaluate each one given the lack of experience with them. As a result, the lesser-known tools like SQLMap and Jawfish were given lower scores between all of us. Though we were able to agree that Kali Linux is a 5/5 tool. It is the most versatile, free, and fairly easy to use. Everything else besides SQLMap and Jawfish was given a 4/5 due to their great reputations.

Unit 7 Team Notes

Objectives:

Plan Project

e-portfolio Activity

Notes:

1. Planned out the schedule for the project. Each member will aim for about 400 words each. Austin will write the first part point and do the scans.
2. As a group, we decided that first carrying out scans in Kali Linux is fairly simple. We each did have some difficulties, mainly with just getting used to using the command line. We were all able to solve our issues by researching online. After reading the second article, we still all felt that our initial evaluation of Kali was accurate. It is simply too good of a tool to truly have any negatives about it that would make it unusable. Though compared to Nessus some of us could see why it would be used over Kali. It is simpler to use in some respects and can provide enterprise-level support. Overall, no one would give up using either of the tools.

Unit 8 Team Notes

Objectives:

Discuss Project

Seminar 4 Preparation

Notes:

1. Aldo finished the second part of the project. We reviewed the current status and Qaism will take the next point.
2. We discussed the seminar preparation assignment involving reading three different articles. Between all of us this was a topic we don’t have a lot of experience with. Though we were able to come to the agreement that GDPR only applies to our website. Ideas such as using a checklist or implementing annual reviews were suggested to evaluate the GDPR standards of the website. Suggestions to meet the standard included using third parties, specifically trained employees, or a software-based monitoring system. Lastly, we all agreed that these implementations would only be good if GDPR is the only standard that applies to the website. If another standards were included, it could change things.

Unit 9 Team Notes

Objectives:

Discuss Project

Notes:

1. Qaism finished his section and we reviewed it. We made some minor changes to the paper, including adding more graphs. Next Kingsley will take over writing the next section.

Unit 10 Team Notes

Objectives:

Discuss Project

Seminar 5 Preparation

Notes:

1. Kingsley finished his section of the project. Thomas will finish the paper by writing the conclusion.
2. As a group, we went over our experiences going through the data breach case studies. We had studies such as LinkedIn and Equifax. Both studies had similar premises in that personal data was exposed. The exposure was due to a lack of procedures and bad management. As a result, there were significant fines and loss of reputation. Overall, we concluded that unfortunately, data breaches like this are fairly common. Despite how simple they could have been to stop.

Unit 11 Team Notes

Objectives:

Final Review of Project

Team Activity: Debate

Notes:

1. Reviewed the project as a group. Made minor changes to the formatting and referencing.
2. We reviewed our positions for the debate topic, in which we defended peer-to-peer networking. We came to the conclusion that peer-to-peer has several advantages. Those advantages being lack of centralization and privacy. Compared to the other technologies it is far more privacy focused. In a modern world that lacks privacy it is very important.

Unit 12 Team Notes

Objectives:

Seminar 6 Preparation

Notes:

1. We discussed our opinions on how peer-to-peer compared to the other two technologies. We generally argued that peer-to-peer has several clear advantages. Those advantages are greater anonymity, security, redundancy, and flexibility. Compared to the other technologies, they can have similar techniques as peer-to-peer. However, peer-to-peer is arguably better at what it does compared to the other two. Despite that, we can see how the other two technologies are popular. They both provide some very interesting options.