

19/03/2023

Week 1:

In attendance: Stella, Amy, Antonios, Steve

Agenda: discuss the assignment & next steps

What was discussed:

- Discussed the task with the presentation given by Antonis.
- Decided to create a google folder with each of our own folders to put our work.
- Potentially working in one document with separate tasks delegated to each other*.
- Or, we write separately and come together at the end to put it together*.
- Each week we will focus on a task at hand.
- Need a copy of Antonios' ppt.

What to do for next week:

- Go away and read/watch the lecturecasts and make notes about threat management/methodology tools relating to the assignment, we cover this bullet point from the checklist:
 - **A selection of a risk assessment methodology with justifications for the selection.**
- Decide separately/together which document & approach* we want for putting the report together- make a decision in the next meeting.

Date of next meeting: Mar 26, 2023 12:00 PM London

26/03/2023

Week 2:

In attendance: Amy, Antonios, Steve

Apologies: Stella

Agenda: Discuss the assignment & next steps.

What was discussed:

- Stella provided a comprehensive document with her notes about business risks and threat modeling methodologies.
- The team discussed possible methodologies available, their experiences with them and what their preferences would be.
- The team agreed that we would use STRIDE, DREAD, Attack Trees and possibly CVSS to threat model the business as it stands.
- The following deliverables were agreed:
 - Write a paragraph to cover part 1(a) of the checklist, i.e .*A selection of a risk assessment methodology with justifications for the selection.* **Action by Steve.**
 - Threat model the business as it stands using STRIDE & DREAD. **Action by Antonios.**
 - Threat model the business as it stands using Attack Trees. **Action by Amy.**
- It was agreed that Stella's document submitted to this meeting would be accepted as her contribution to this week's deliverables. Any further contribution by Stella before the next meeting, would be on a voluntary basis.

It was agreed that deliverables would be completed for the next meeting which will be **Sunday April 2nd @ 12pm BST**, where we will discuss mitigation strategies and next steps for producing the assignment.

Meeting minutes and Tasks.

In attendance: Steve, Antonis

Apologies: Amy, Stella

What was discussed:

- Steve uploaded a copy of the submission of a similar document produced by another team last year. This document can be used as a guide to provide us ideas to write our report.
- How to improve the STRIDE and DREAD models.
- How to produce a diagram to show the Pampered Pets Network following the digitization.

Tasks

- Antonis will try to adjust the STRIDE and DREAD modelling tables to elaborate the threats and then rate them based on the likelihood and impact of cyber-threats.
- Steve will try to produce a draft hybrid model diagram explaining the digitization of Pampered Pets using a hybrid model.
- Amy will upload a copy of her work by tomorrow evening.
- In the next meeting we will discuss how to join the three models and how to produce a unique document linking the Pampered Pets situation as it stands now and the future situation after the Digitization

Date of Next meeting:

Time: Apr 3, 2023 04:00 PM London

Meeting minutes and Tasks.

In attendance: Steve, Antonis, Stella

Apologies: Amy

What was discussed:

- Future network - not hybrid just start over, possible segmentation of network/wifi.
- Conciseness of work, small word count.
- Discussed types of topology.
- Want to have the majority of this section done this week so that next week the next stage of threat modelling can continue.

Tasks

- Steve to answer bullet point Qs & new network topology.
- Stella to finish & reference the document, mention PCIS and GDPR possibly & do the digital timeline. Try to produce a finished document to encase the diagrams and strengths & weaknesses in a more concise less verbose manner.
- Antonis continue with DREAD, and STRIDE methodologies, reproducing for the digitalisation section.
- Guide Amy with the attack trees with any risks identified in methodologies.
- **Have a look at Steve's introduction** & make comments if necessary.
- Amy will finish the attack trees and reproduce them for the digitalisation section
- Amy will discuss with Steve and help him/produce the new network topology

Date of Next meeting:

Time: Apr 9, 2023, 14:00 PM London BST (15:00 pm CET) ???

Meeting Minutes

30th April 2023, 12pm BST

Present: Steve, Amy & Antonios

Apologies: Stella

1. Steve shared 2 emails he has sent to the tutor (screenshots already shared on the WhatsApp group).

The first requests more detailed feedback regarding several comments made by the tutor when grading assignment 1.

The second asks for some help regarding the 'quality' aspect of the supply chain as he has concerns about how quality could be measured in this context. Steve also provides a basic outline for the assignment and asks for feedback in his email.

Steve will share replies from the tutor once they are received but the group agreed to proceed based on this draft outline for the time being.

2. There was a general discussion about possible ways forward in terms of the structure of the assignment, the choice of methodologies and allocation of work.

The group felt that it would benefit the quality of the final assignment if every member of the group had a working knowledge of the models and data sources hence:

- It was agreed that each member of the group would produce a Monte Carlo simulation of the inventory problem using Yaisai. Help is provided in the user guide and in particular, the 'examples' section of the Yaisai web site <http://www.yasai.rutgers.edu/index.html>
- It was agreed that we would all do some research into sources of historical data for factors affecting the agricultural productivity of various EU states, their production volumes and unit prices. The premise here is that since the availability of the main ingredients of pet food (animal / fish protein and animal / plant fats & oils) produced by agriculture, would be strongly correlated with the requirement in the brief to analyse the availability of the supply chain for Pampered Pets. This data could also be used in one of the decision making models (perhaps TOPSIS) for us to nominate the best possible sites for the new warehouse(s). We felt that this would go a long way to answering parts 1 and 2 of the assignment brief (with the exception of the 'quality' issue outlined above, about which we are awaiting input from the tutor).

3. We briefly discussed the cybersecurity / disaster recovery part of the brief, but consensus was that we would discuss this once we were clear on the structure of the report.

4. Group members committed to keeping in touch between now and the next meeting via the WhatsApp group to share progress, thoughts and any research other members might find useful. The hope is that by doing this, we will be better prepared for the discussions at the next meeting. [I would like to add a suggestion that we share our work at least 24 hours before the next meeting].
5. Amy is not available next Sunday but it was felt that all members should be available for the next meeting to help move things forward. Antonios agreed to liaise with group members about meeting either Sat 6th or Mon 8th May.

Meeting closed 12.40 BST