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# B.TECH 451: SEMESTER 1 LOG

## DATE: AUGUST 2014 | WEEK 0

- Initial Contact with ASB Bank. Discussed the possibility of a project with Belinda Fogg at ASB Bank. Expressed an interest with working in the Information Security team.

## DATE: OCTOBER 2014 | WEEK 0

- Meeting with Michael Wallmansberger to discuss possible project possibilities and discuss BTech project
- ASB expressed interest of having me on board and Michael outlines several possible projects that I may be able to undertake.

## DATE: FEBRUARY 2015 | WEEK 0

- Meeting with Malcolm Allen and Ryan Coterell from ASB Bank to discuss final year B.Tech project.
- Two possible options for projects were outlined and the choice was given to me to select the project of my choice.

## DATE: 2 MARCH 2015 | WEEK 1

- Initial meeting with Mano and other B.Tech students to discuss projects.
- ASB had not gotten back to me at this stage so I was unable to start my project.

## DATE: 9 MARCH 2015 | WEEK 2

- Received paper work from ASB.
- Unable to begin my project with ASB as I needed to wait for HR to conduct background/financial checks and enter me into the system

## DATE: 16 MARCH 2015 | WEEK 3

- Background/financial checks were completed by ASB and my account was created
- First site visit to ASB C:Drive, Albany.
- First meeting with Information Security team. Discusses the current Information Security landscape and the current projects that are being undertaken.
- Conducted orientation and learning modules which were required before I could receive full access to the ASB resources

## DATE: 23 MARCH 2015 | WEEK 4

- Had first contact with the ASB SIEM platform
- Meeting with Malcolm to discuss the project and learn about the SIEM platform
- Meeting with Aniket Mahanti to discuss the project and the academic research that will be required.
- Wrote the initial brief for the project, outlining the two phases of the project

## DATE 30 MARCH 2015 | WEEK 5

- Meeting with Val from ASB to learn more about the functionality in the SIEM platform
- Meeting with Willem from ASB to learn about defences against malware and how the current SIEM platform is currently being used, what improvements could be made.

## DATE: 3 APRIL 2015 – 18 APRIL 2015 | MID-SEMESTER BREAK

- Preparation for the introductory seminar at the University of Auckland.
- Meeting with Malcolm to discuss the ongoing state of the project
- Started conducting internal research about the controls and policies used in the bank to monitor Information Security

## DATE: 20 APRIL 2015 | WEEK 6

- Preparation for the Introductory seminar at the University of Auckland
- Meeting with Malcolm from ASB to ensure seminar slides were up to standard and no confidential data was being shown
- Introductory seminar at the University of Auckland

## DATE: 27 APRIL 2015 | WEEK 7

- External research to understand the Cyber Security landscape
  - Looked at several data breaches and how they could have potentially been stopped
  - Decided to conduct an indepth technical analysis of Carbanak
- Ongoing internal research of the SIEM systems that are currently being used

## DATE: 4 MAY 2015 | WEEK 8

- Conducted a technical case study of Carbanak
  - Broken down into the cyber kill chain lifecycle, created by Lockheed Martin
- Recreated several of the pre-existing systems at ASB Bank to understand how new systems could potentially be created.

## DATE: 11 MAY 2015 | WEEK 9

- Conducted in-depth research of the current SIEM Architecture and how the different pieces of hardware are connected and function
- Began the implementation of my system, the Information Security Summary

## DATE: 18 MAY 2015 | WEEK 10

- Conducted further research of the systems currently being used within the SIEM platform to see how these could be integrated into a singular system
- Selection process for the most important features needed in the new system
- Continued to work on the Information Security Summary System

**DATE: 25 MAY 2015 | WEEK 11**

- Completed the Information Security Summary System
- Had meetings with several members of ASB to discuss ongoing progress and discuss the system that I had created
- Presented my current work to the ASB Information Security team so that feedback could be received

**DATE: 1 JUNE 2015 | WEEK 12**

- Proof reading of the Mid-Year report to ensure it was up to standard
- Final touches on the Mid-Year report
- Completed the Mid-Year report

**DATE: 8 JUNE 2015 – 29 JUNE 2015 | EXAM PERIOD**

- Was unable to work on the project due to exams and exam study