University of Regina

Computer Science

Social Engineering

Group Members

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in

Information Technology

# Progress of the project

In general, our team has completed half of the written components of our project. The outline of our project and our works can be found below. Up to this stage, Corey Safinuk has finished writing component for some backgrounds of social engineering (history and famous social engineers) and two social engineering methods which relate to a technique called “fishing”. Bao Cao has finish writing component for four social engineering technique: Quid Pro Quo, Pretexting, Tailgating and Baiting. For the completion of our project, we may reassess the rest of the outline (the parts that we haven’t done yet) and decide which part will be done by who. When the writing component is done, we will combine our works, reformat it in order to create a complete report. We intent to record our presentation in the form of a two-minute video which will be uploaded on Youtube.

Unfortunately, because of our working schedule, we cannot combine our works for this week assignment. On Sunday March 11, Corey works in the morning until evening and Bao Cao works from the evening until midnight. Therefore, we have to submit our work separately but we will submit the same outline and the progress of our project. The referenced sources will be different since each of us submit our works separately.

# Outline

## History of Social Engineering

* Nowadays social engineering is about information privacy on the Internet. However, the term social engineering appeared in history before the computer era.
* Examples of famous social engineers

## Common Techniques in Social Engineering (terminologies)

* Phishing: Definition and examples. Personal opinions. Variances of phishing: Vishing and Spear phishing
* Quid Pro Quo: Definition and examples. Personal opinions.
* Pretexting: Definition and examples. Personal opinions.
* Tailgating: Definition and examples. Personal opinions.
* Baiting: Definition and examples. Personal opinions.

## How to prevent from social engineering attacks

* Phishing
* Qui Pro Quo
* Pretexting
* Tailgating
* Baiting

## Laws that relate to social engineering

* Canadian laws
* U.S laws
* Other countries

# References:

Bisson, David. “5 Social Engineering Attacks to Watch Our For”. The State of Security. Mar 23, 2015. <https://www.tripwire.com/state-of-security/security-awareness/5-social-engineering-attacks-to-watch-out-for/>

Nadeem, M Salman. “Social Engineering: What is pretexting?”. Mailfence. Jan 30, 2018. <https://blog.mailfence.com/pretexting/>

Nadeem, M Salman. “Social Engineering: What is pretexting?”. Mailfence. Jan 30, 2018. <https://blog.mailfence.com/what-is-tailgating/>

CNN Wire Staff. “Cyberattack in 2008 prompted new Pentagon cyberdefense plan”. CNN. Aug 25, 2010. <http://www.cnn.com/2010/TECH/innovation/08/25/pentagon.cyberattack/>

Kepes, Ben. “Business Software in the App Age”. Thought Leader, Computerworld. Jan 5, 2016. <https://www.computerworld.com/article/3002703/security/some-scary-insights-into-cybersecurity-risks-or-what-happens-when-you-drop-200-usb-sticks-in-public.html>

Wang, Christina. “Information Security and Pop Culture: How Real-Life Social Engineering Techniques are Used in Movies and Television”. BetterCloud. March 8, 2016. <https://www.bettercloud.com/monitor/information-security-and-pop-culture/>