

INFO2222—Usability and Security S1 2018 Week 12 Assignment Questions

The assignment this week addresses security management, the legal sphere and ethics.

1 Policies Good Characteristics

For each of the four characteristics of a good policy, identify which is being described and give an example of a policy, not limited to IT, that you feel met this criteria.

a) Mystery Door #1

Should provide guidance when faced with all security related decisions.

b) Mystery Door #2

Clear and easy to understand.

c) Mystery Door #3

Doesn't deal in a specific technology - is resistant to the passage of time.

d) Mystery Door #4

Reasonable in all senses - capability, time, money.

2 Assessing Risk Situations

Given a scenario, assign a impact from high to low (1-3), a probability from 1-10 and calculate the overall exposure by multiplying the two numbers together. Be prepared to justify your assessment.

a) Restricted Door

The business's landlord has informed you upon moving into a new office that you are only issued one key for the front door. This key cannot be cut, and you have to use that lock. The landlord also has a key. You also cannot give the key to anyone who is not on the lease.

This presents some problems. What happens when you are not in the office first? What happens if you don't leave last? You can never be sick, otherwise your office is closed. In order to combat this, you teach your staff that it is okay to leave the door slightly propped open so it appears closed.

b) Open Laptop

You leave **your** laptop open and unlocked in SIT when you go grab a caramel donut from Fisher for lunch (do not assess the risk of eating poorly - assess the technical risk!).

c) Trains Trains Trains

You have recently scored a great opportunity to intern for Google. Go you. However, you have to

work on the train ride home as your new boss really needs you to finish the code you are working on by midnight so they can ship it. You start working on the train on the train's free wifi.

3 Ethics Real World

This question will cover a real world ethical and legal issue.

a) Writing Software

Find an example in the media where an individual has been **employed** to write software, malicious or not and consequently been met with legal trouble. Prepare a brief summary of the ethical issues of writing software focusing on questions like: "Are you ethically responsible for the code you write or the things you create when employed" and legal questions like: "Where does the law stand on the same issue, is it different?"