

# ETHS8010 – Ethics and Security

## Assignment 2

### Ethical Systems and Logical Arguments

<b>DUE BEFORE 10PM, APRIL 16, 2021</b>
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#### 1. Submission Guidelines

All assignments must be submitted via the econestoga course website before the due date in to the assignment folder.

You may make multiple submissions, but only the most current submission will be graded.

Assignments submitted after the due date/time will be penalized 20%. Assignments submitted after the start of the next lecture following the due date will receive a mark of 0.

Submissions must be in MS WORD format and not zipped. This will allow me to make comments directly on your assignment if needed.

#### 2. Grading

This assignment will be worth 15% of your total grade in the course.

Late assignments will receive a penalty of 20%.

Assignments submitted after the start of the next lecture following the due date will receive a mark of 0.

#### 3. Background

This assignment covers Lectures 1 to 10 in the course. Please consult the lecture slides as well as your personal notes on our in-class discussions.

REMINDER – Read the questions carefully when answering.

#### 4. Assignment Tasks

**Where appropriate, questions should be answered with reference to at least one of the four ethical frameworks discussed in class (Lecture 2 - Act Utilitarianism, Social Contract Theory, Rule Utilitarianism, Kantianism).**

##### a. Question 1 – 20 marks (approx. 400 to 500 words)

Read the partial terms of service for Dropbox (appendix A)

For each of the five sections, evaluate and answer:

1. How comfortable are you, personally, with the requirements in the section *and why* (E.g. very comfortable, not very comfortable, not sure, etc.)?
2. How reasonable and ethical in general (not for you personally, but for anyone using the product) is each section, and why.

**b. Question 2 – 10 marks (approx.. 200 words)**

A college requires that all computers connected to the campus network be running up-to-date antivirus software. When a student's computer is discovered to have a virus, its network connection is cut until a staff member can remove the virus. If it turns out that the computer was not running up-to-date antivirus software, the student is fined \$100.

Using one of the four ethical theories discussed in class (Act Utilitarianism, Social Contract Theory, Rule Utilitarianism, Kantianism) is this a morally justifiable policy?

**c. Question 3 – 10 marks (approx.. 200 words)**

Before offering a job candidate a position, some potential employers do a social media background check on the candidate (i.e. they review all the candidate's social media accounts and posts). List five advantages and five disadvantages of this practice including ethical implications (if any).

**d. Question 4 – 10 marks (approx.. 200 words)**

Find an example of reliability and/or security errors (data, software, or system as discussed in Lecture 10) either from a news report or an incident that happened to you personally.

Briefly describe the incident in your own words, the impact (financial, inconvenience, reputation, etc.), who is "morally responsible" for the error and suggestions for how it could be avoided. Follow the pattern of evaluation given in class.

## **APPENDIX A**

### **Dropbox Terms of Service (Partial)**

Posted: April 16, 2019

Effective: April 16, 2019

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When you use our Services, you provide us with things like your files, content, messages, contacts, and so on ("Your Stuff"). Your Stuff is yours. These Terms don't give us any rights to Your Stuff except for the limited rights that enable us to offer the Services.

We need your permission to do things like hosting Your Stuff, backing it up, and sharing it when you ask us to. Our Services also provide you with features like photo thumbnails, document previews, commenting, easy sorting, editing, sharing, and searching. These and other features may require our systems to access, store, and scan Your Stuff. You give us permission to do those things, and this permission extends to our affiliates and trusted third parties we work with.

**Our Services let you share Your Stuff with others, so please think carefully about what you share.**

#### **2. Your Responsibilities**

You're responsible for your conduct. Your Stuff and you must comply with our Acceptable Use Policy. Content in the Services may be protected by others' intellectual property rights. Please don't copy, upload, download, or share content unless you have the right to do so.

We may review your conduct and content for compliance with these Terms and our Acceptable Use Policy. With that said, we have no obligation to do so. We aren't responsible for the content people post and share via the Services.

Help us keep you informed and Your Stuff protected. Safeguard your password to the Services, and keep your account information current. Don't share your account credentials or give others access to your account.

You may use our Services only as permitted by applicable law, including export control laws and regulations. Finally, to use our Services, you must be at least 13, or in some cases, even older. If you live in France, Germany, or the Netherlands, you must be at least

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We sometimes release products and features that we are still testing and evaluating. Those Services have been marked beta, preview, early access, or evaluation (or with words or phrases with similar meanings) and may not be as reliable as Dropbox's other services, so please keep that in mind.

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