



Professional Issues

IT407

Assignment 1

Deadline: Day 17/02/2018 @ 23:59

[Total Mark for this Assignment is 4]

Student Details:

Name:###

ID:###

CRN:###

Instructions:

- This Assignment must be submitted on Blackboard (**WORD format only**) via the allocated folder.
- Email submission will not be accepted.
- You are advised to make your work clear and well-presented, marks may be reduced for poor presentation. This includes filling your information on the cover page.
- You **MUST** show all your work, and text must not be converted into an image, unless specified otherwise by the question.
- Late submission will result in ZERO marks being awarded.
- The work should be your own, copying from students or other resources will result in ZERO marks.
- Use **Times New Roman** font for all your answers.

*Learning
Outcome(s):*

*LO1: Recognize
the
responsibilities
and duties of a
computer
professional.*

*LO3: Participate
in well-reasoned
discussions of
social and ethical
issues in
computing as a
computer
professional.*

Question One

[1 Mark]

Evaluate the following scenario from the perspective of ethical egoism theory?

An (absent minded) work colleague goes on holiday without sharing an important group report, which needs to be submitted next week. The latest version is stored on the colleague's personal cloudbox account. Cloudbox is a cloud based storage system, which uses passwords to control access.

Since Cloudbox is beyond the reach of your IT department, you suspect that there is nothing you can do. However, another colleague knows that the absent colleague always uses their children's birthdays as passwords and all the children have FriendFace accounts. It seems likely that you should be able to get the group report after all as long as the children haven't restricted access to their FriendFace pages.

Answer:

As per the theory of ethical egoism:

"Each person should focus exclusively on his or her self-interest. Morally right action is the action that provides self with maximum long-term benefit".

In the given scenario, since another colleague used the publically available information from FriendFace. He used the information willingly provided by his/her colleague (that he uses his children's birthdays as password) to get the maximum benefit for organization so the action is considered right.

(1 Mark)

Learning

Outcome(s):

LO2: Interpret the code of ethics in computing so that they are able to use them in their professional careers including during the process of decision making.

Question Two

Summarize the different forms of direct censorship. Give brief explanation as well.

Answer:

There are three kinds of direct censorship.

Government monopolization

This form of censorship is mandated by the government in order to control the flow of information that is published in the internet.

Prepublication review

This type of censorship is also mandated by government in order for them to hide the materials that they want to keep secret. This kind of censorship is regulated in order to harm the national security.

Licensing and registration

This type of censorship is regulated in order to control the media. This is possible by means of putting a limitation in the bandwidth of electromagnetic spectrum.

(1 Mark)

Learning

Outcome(s):

LO2: Interpret the code of ethics in computing so that they are able to use them in their professional careers including during the process of decision making.

Question Three

What is the difference principle? Also, state the purpose of this principle.

Answer:

The difference principle states that social and economic inequalities must be justified and the only way to justify a social or economic inequality is to show that its overall effect is to provide the most benefit to the least advantaged.

The purpose of this principle is to help maintain a society composed of free and equal citizens.

For example if some people have more wealth in capitalism it must be shown that poor people are still better under capitalism than under alternative economic systems.

(1 Mark)

Learning

Outcome(s):

LO2: Interpret the code of ethics in computing so that they are able to use them in their professional careers including during the process of decision making.

Question Four

Describe similarities and differences between **act utilitarianism** and **rule utilitarianism**.

Answer:

Both utilitarianism theories are consequentialist theories. However, act utilitarianism considers the consequences that would result from an action taken in one particular situation. Rule utilitarianism considers the consequences that would result if everyone always took a certain course of action in all similar situations.