

Lab - Create Your Personal Code of Ethical Conduct

Objectives

Part 1: Research Approaches to Ethical Decision Making

Part 2: Research Code of Ethics

Part 3: Develop Your Own Personal Code of Ethical Conduct

Background / Scenario

When confronted with an ethical dilemma, what do you consider when making a decision?

Suppose you find a new USB 3.0 flash drive in the computer lab, what would you do? A student in your class says they found a site on the internet that has all of the class exams and quizzes with answers, what would you do?

Working in Cybersecurity is not always about stopping cyber attacks. As a Cybersecurity specialist, your organization may entrust you with some of the most sensitive data. As a result, you will be confronted with challenging ethical dilemmas, which may not have an easy or clear answer. For example, when researching a security breach, are the personal devices of employees and their personal content included?

The focus of this lab is to research approaches or perspectives for ethical decision making. Next, you will research code of ethics and finally you will create your own personal code of ethical conduct.

Required Resources

- PC or mobile device with Internet access

Instructions

Part 1: Research Approaches to Ethical Decision Making

There are several approaches or perspectives on Ethical Decision Making, including Utilitarian ethics, the Rights approach and the Common Good approach. Other ethical decision models include the Fairness or Justice approach as well as the Virtue approach.

In this part, you will research each ethical decision model or framework and then formulate the underlying principle from that approach.

Use an internet browser to research approaches to ethical decision making.

Step 1: Research Utilitarian ethics

Question
Define the underlying principle for the Utilitarian Ethics approach.

Answer Area

Utilitarian ethics focuses on the outcome of an action and suggests that the most ethical decision is one that maximizes

▲

▼

✎

Show Answer

Step 2: Research the Rights approach to ethical decision making.

Question
Define the underlying principle for the Rights approach to ethical decision making.

Answer Area

The rights approach is centered on the belief that every individual has fundamental rights that must be respected. Ethical decisions must protect these rights, ensuring fairness and justice for everyone involved.



Show Answer

Step 3: Research the Common Good approach to ethical decision making.

Question:

Define the underlying principle for the Common Good approach to ethical decision making.

Answer Area

The common good approach emphasizes the welfare of the entire community. Ethical decisions should aim to benefit the society as a whole and ensure that the community's resources are used in a way that serves everyone.



Show Answer

Step 4: Research the Fairness or Justice approach to ethical decision making.

Question:

Define the underlying principle for the Fairness or Justice approach to ethical decision making.

Answer Area

This approach is concerned with fairness, equality, and impartiality. Ethical decisions should ensure that everyone is treated equally and that no group receives preferential treatment or faces discrimination.



Show Answer

Part 2: Research Code of Ethics

Most organizations develop their own code of ethics. Developed by management, this document is based on values and principles to promote the company business with honesty and integrity.

In this part, you will research computer code of ethics and cybersecurity code of ethics.

Use an internet browser to research code of ethics.

Question:

Based on your research, create a list of at least ten items. The list should be sequential from most important to least important.

Answer Area

Respect the confidentiality of information.
Do no harm with a computer.
Protect the privacy of users and clients.
Ensure systems are designed to protect the public.
Do not engage in activities that disrupt or damage systems or networks.
Never steal intellectual property or data.
Act with integrity and honesty in all professional dealings.
Adhere to legal and regulatory frameworks.
Avoid conflicts of interest.
Report vulnerabilities and breaches ethically.



Show Answer

Part 3: Develop Your Own Personal Code of Ethical Conduct

A code of conduct provides guidelines for acceptable as well as unacceptable specific behaviors.

Based on your research, develop a list of your own personal code of ethical conduct.

Question

Create a code of ethics list of at least ten items. The list should be sequential from most important to least important.

Answer Area

I will not use technology to harm others.
I will respect the privacy and confidentiality of data.
I will not engage in or support illegal cyber activities.
I will be transparent and honest in all my actions.
I will comply with all relevant laws and regulations.
I will strive to ensure systems are safe and secure for all users.
I will not snoop into others' data without authorization.
I will report security breaches and vulnerabilities responsibly.
I will continuously improve my knowledge and skills to protect against threats.
I will respect the intellectual property of others.



Show Answer

Reflection Questions

1. Is there a Cyber Security incident you remember where the company acted ethically or the company acted un-ethically? Explain.

Answer Area

when the ministry of communication &
information in indonesia lose a lot of
indonesian people data, and it's impact



Show Answer

2. What is a weakness or drawback to Utilitarian Ethics?

Answer Area

Utilitarian ethics can overlook individual rights, as it focuses on maximizing overall happiness, potentially sacrificing the well-being of a minority.



Show Answer

3. Based on your list of code of ethics, which is the most challenging item in your list to implement?

Answer Area

Ensuring the confidentiality of data can be challenging when handling security incidents where the decision to disclose information publicly is out of my control, such as organizational policies on breach notifications.



Show Answer

Show All Answers

Clear My Responses

