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Absen : 15

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.

- Utilitarian Ethics is based on the principle that the best decision is the one that maximizes overall happiness and minimizes suffering.

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.

- The Rights approach emphasizes respecting and protecting individual rights, such as the right to privacy, free speech, and freedom from harm

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.

- The Common Good approach focuses on decisions that contribute positively to the well-being of the community or society as a whole.

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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.

- The Fairness or Justice approach revolves around ensuring that decisions are fair, impartial, and equitable

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.

1. **Confidentiality:** Protect sensitive information and ensure it remains private.
2. **Integrity:** Maintain honesty and uphold ethical standards in all actions.
3. **Transparency:** Be clear and transparent about how data and systems are managed.
4. **Accountability:** Take responsibility for actions and decisions.
5. **Respect for Privacy:** Respect the privacy of individuals and their data.
6. **Compliance:** Follow all applicable laws, regulations, and industry standards.
7. **Professionalism:** Maintain professionalism in communication and actions.
8. **Security:** Ensure systems and data are secure and protected from unauthorized access.
9. **No Harm:** Avoid actions that cause harm to individuals or society.
10. **Collaboration:** Work with others in a collaborative and respectful manner to improve cybersecurity practices.

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.

1. **Honesty:** Always be truthful in professional and personal interactions.
2. **Confidentiality:** Protect the privacy and confidentiality of all data I handle.
3. **Integrity:** Uphold high ethical standards in all decisions and actions.
4. **Respect:** Show respect for others, their opinions, and their property.
5. **Accountability:** Accept responsibility for my actions and decisions.
6. **Fairness:** Treat everyone with fairness and without bias or prejudice.
7. **Transparency:** Communicate openly and honestly with others about actions and decisions.
8. **Compliance:** Adhere to all laws, regulations, and policies relevant to my work.
9. **Security:** Take all necessary precautions to protect sensitive data and systems.
10. **Continual Learning:** Stay informed and continually improve my skills and knowledge.

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.

- One notable incident was the 2017 Equifax data breach, where the company acted unethically by delaying disclosure of the breach and failing to protect sensitive consumer information. This resulted in the exposure of personal data for millions of people, showcasing a lack of responsibility and transparency.

Show Answer

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

- A weakness of Utilitarian Ethics is that it can justify harmful actions to a minority if it benefits the majority. This could lead to unethical decisions that violate individual rights in the pursuit of greater overall happiness.

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

- The most challenging item to implement is transparency, especially when working with sensitive data or proprietary information. Balancing transparency with the need for confidentiality and security can be difficult.

Show Answer