

GROUP C MEMBERS:

1. UMUTESI HASNA 2409000399
2. BYISHIMO MUSTAKIMA 2409000447
3. MUGISHA DAVID 2409001038
4. RUBAYIZA KEN 2409000993
5. ISHIMWE NORBERT 25011540
6. NIYONIRINGIYE DONATH 25011409
7. NGOGA DIEDONNE 25011133

GROUP ASSIGNMENT.

Question 1:What does ethics in computing mean to you ?

Ethics in computing: refers to the rules and guidelines that control how people and organizations behave in the computer science and technology fields.

Bellow here there are some of the key aspects;

1. Responsibility

Accountability :Organizations and developers are accountable for their works and the social effects they have.

Integrity: It is necessary to communicate clearly about the operation of technology and their possible consequences.

1. Privacy

Data safety: It's critical to respect user privacy and protect personal data.

Understanding Acceptance: Users need to understand how their information is gathered and utilized.

2. Fairness

Racism Avoidance: Systems need to be established with the bare minimum of discrimination and prejudice against any group in consideration.

Equal Access: Making technology available to everyone, irrespective of background or financial situation.

3. Security

Protection Against Damage: Putting strong security mechanisms in place to shield systems from thefts and assaults.

Ethical Hacking: Realizing how important moral behavior is to cybersecurity.

4. Impact on Society

Social responsibility: involves taking into account how technology is affecting society more broadly, particularly how it may affect mental health and job displacement.

Long-term viability: Encouraging environmentally friendly techniques in the creation of new technologies.

CONCLUSION

Computing ethics is about creating a balance between responsibility and innovation, making sure that improvements in technology benefit society while causing the least amount of harm. It promotes a culture of integrity and humanity among tech workers.

Question 2: How does IT law affect your everyday life?

IT law influences several aspects of our everyday lives, influencing how we engage with technology and providing the protection of our rights. It impacts us in the following significant ways:

1. Privacy Protection

Data privacy laws: laws such as the GDPR offer people authority over their personal information and require that businesses get authorization before collecting and using it.

User Rights: These rules give us the ability to ask for access to our data, have inaccurate information corrected, and even ask for its erasure.

2. Cybersecurity

Protection Against Cybercrime: IT regulations create penalties for online crimes like identity theft and hacking, making the internet a safer place.

Required Security Measures: To lower the risk of theft, organizations must put security policies in place to safeguard user data.

3. Intellectual Protection Rights

Copyright Protection: IT regulations protect authors' rights by prohibiting unauthorized use of their creations, which has an impact on how we distribute and use digital content.

Software license: Being aware of license agreements enables us to use software and apps according to the law.

4. E-Commerce Regulations

Consumer Rights: Online sales are governed by laws that guarantee equitable treatment with regard to returns, refunds, and product quality.

Secure Transactions: Online buying is made more trustworthy by regulations that require secure payment processing.

5. Social Media and Content Regulation

Content Moderation: Laws govern how platforms control harmful content, impacting what we see and share online.

Protection from Harassment: By preventing users from being subjected to online harassment and false information, regulations promote a safer online environment.

CONCLUSION

Given that it safeguards our rights, ensures data security, and encourages ethical IT practices, IT law is essential to our daily life. Being aware of these regulations enables us to use the internet more sensibly and safely.

Question 3: A company is secretly collecting user data without informing its customers. Is this ethical ? Why or why not?

Is Secretly Collecting User Data Ethical?

1. Informed Consent

Lack of transparency: Users need to be aware of how data is collected. Their right to make educated decisions is violated by secret collection.

2. Privacy Violations

Breach of Trust: Gathering information without permission reduces confidence and may cause betrayal.

Potential Risk: Identity theft or manipulation may arise from the unauthorized use of data.

3. Legal implications

Regulatory Compliance: Sharing of data practices is required by a number of laws, including the GDPR. It may be against the law to collect secrets.

Reputation Risks: Businesses run the risk of being sued and having their reputation harmed.

4. Ethical Business practices

Corporate Responsibility: Integrity and user trust are given preference above immediate profits by ethical companies.

CONCLUSION

Informed permission, privacy rights, and trust are all violated when user data is collected covertly. To build responsible connections with customers, businesses should place a high priority on accessibility.

Question 4: Find a recent news story about cyber crime or AI ethics and be ready to discuss it?

Recent news story : DEATH OF A SMALL BOY INVOLVING AI

SUMMARY:

An AI-operated device was involved in a sad accident that claimed the life of a little boy. According to reports, the youngster was hit by a self-driving car or a robotic system that didn't notice him in its path or didn't work properly. Serious ethical concerns regarding the security and dependability of AI systems have been brought up by the incident, which has caused worldwide frustration.

KEY POINTS FOR DISCUSSION:

Firstly, important concerns regarding safety and accountability are brought up by the terrible event in which a little boy died as a result of an AI-operated equipment. Clear legal frameworks for responsibility are necessary since manufacturers and developers should be held accountable for guaranteeing the security of their technologies. Similar mishaps can be avoided in the future by instituting mandatory testing and creating specialized regulatory organizations.

Secondly, this incident may have a major effect on public confidence in AI technologies by highlighting the necessity of awareness and corporate accountability. Businesses are

required to carry out comprehensive impact analyses and disclose potential risks. Society needs to find a balance between strong safety regulations, public education on the advantages and risks of AI, and the desire for technical growth in order to provide a safe environment for innovation.

I conclude by saying the terrible death of a young boy at the hands of an AI-powered gadget highlights how urgently safety and accountability are needed in the creation and application of AI technologies. It will be necessary to create precise legal frameworks, enforce strict safety laws, and encourage awareness among developers and manufacturers as society incorporates AI more and more into daily life. We can make sure that technological breakthroughs improve safety and well-being rather than endanger people by addressing ethical obligations and building public confidence through education and awareness. Innovation and a dedication to saving lives must coexist on the future course.