

# Section 4 Assessment

Ethics in Technology

Multiple Choice

1/1 point (ungraded)

What does a victim have to prove to win a strict liability case against a software company?

- ☐ The vendor ignored quality control processes, and the product was defective.
- ☐ The vendor was negligent.
- ☐ The product was defective, and the vendor was negligent.
- ☒ The product was defective.

Answer

Correct: Correct! In strict liability cases, the victim must prove the product was defective.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers.

Which two things should a government contractor ensure to defend against a strict liability case?

- ☒ The software is developed based on strict specifications.
- ☒ The contractor warned the agency of defects.
- ☐ The case is within the statute of limitation.
- ☐ The contractor was not negligent.

Answer

Correct:

That's right! The contractor should adhere to strict software specifications provided by the government.  
That's right! The contractor should warn the government of known defects.

Submit

Multiple Choice

1/1 point (ungraded)

A government agency asks an outside company to develop an application based on a specific set of criteria. Deviations from the specifications are not allowed. During static and dynamic testing, flaws are discovered in the application.

What should the company do to avoid losing a strict liability lawsuit?

- ☐ Document the defects and follow retention policies
- ☐ Publish the software based on the specifications
- ☐ Advise the client that all specifications are met

## Ethics in Technology

**Answer**

Correct: Correct! The company should notify the client of the defects to avoid losing a strict liability lawsuit.

Submit

## Multiple Choice

1/1 point (ungraded)

A company is embarking on a large software project and needs a development approach that allows for clear documentation and management control at each stage. Which development methodology should the company use?

- ☐ Agile
- ☒ Waterfall
- ☐ Spiral
- ☐ Rapid Application Development

**Answer**

Correct:  
Correct! The Waterfall model is ideal for projects requiring clear documentation and management control due to its structured, linear phases.

Submit

## Checkboxes

1/1 point (ungraded)

Choose 2 answers.

Which two things could happen if a person’s electronic health record (EHR) is compromised?

- ☒ The person could receive bills for procedures the person never had.
- ☒ The person could be given the wrong medication.
- ☐ The person could be held accountable by the HITECH Act.
- ☐ The person could be required to prove HIPAA compliance.

**Answer**

Correct:  
That’s right! If an EHR is compromised, someone could use the information to receive medical care.  
That’s right! If an EHR is compromised, the victim could receive medication prescribed to the person who compromised the EHR.

Submit

Ethics in Technology

A person has been transferred to a new location for a job and has chosen a new family doctor for healthcare. The doctor would like the patient’s medical history from the previous doctor transferred to the new office.

What should be used to guarantee the accuracy of the data?

- ☐ A clinical decision support
- ☐ An electronic medical record
- ☐ A personal health record
- ☒ A health information exchange

Answer

Correct: Correct! A health information exchange shares electronic health information using secure communication.

Submit

Multiple Choice

1/1 point (ungraded)

A doctor questions a patient about the patient’s symptoms and types the information into a tool to enhance healthcare-related decisions. The clinical decision support tool recommends treatment for the patient.

Which global threat could the doctor encounter when using the clinical decision support tool?

- ☐ The support tool recommends one treatment option.
- ☐ The doctor types the wrong information.
- ☒ The support tool recommends incorrect treatment options.
- ☐ The patient provides wrong information.

Answer

Correct: Correct! The wrong treatment options would be a global threat because anyone using the tool would be affected by the issue.

Submit

Checkboxes

1/1 point (ungraded)

Choose 2 answers.

What are two personal threats when people use web-based communication channels?

- ☒ Users post rumors and gossip.
- ☒ Cyberbullies harass and torment users.
- ☐ Information is distributed quickly.
- ☐ Posts can be seen globally.

Ethics in Technology

Answer

Correct:

That’s right! Rumors and gossip are threats on web-based communication channels.  
That’s right! Cyberbullies are a threat on web-based communication channels.

Submit

Multiple Choice

1/1 point (ungraded)

Which threat to privacy exists when parents regularly post videos of their children’s school concerts online?

- ☐ An embarrassing video of a child could be posted.
- ☐ People could make rude comments about the video.
- ☐ A video could go viral on the platform.
- ☒ Children under protective custody could be discovered.

Answer

Correct: Correct! Children under protective custody could be seen in the videos, which could jeopardize their safety.

Submit

Checkboxes

1/1 point (ungraded)

A social media company is guaranteeing potential customers that it can increase any company’s credibility on a social media platform by encouraging people to like a company’s page and leave comments. Within a month, every page of the companies that have contracted with the social media company have over one million likes and hundreds of comments.

Choose 2 answers.

Which two threats exist when a company makes such promises?

- ☒ The social media company will use bots to create fake likes.
- ☒ The social media company will post fake comments about everyone's products.
- ☐ The social media company will post too many comments to read.
- ☐ The social media company will post comments over a long time frame.

Answer

Correct:

That’s right! Using bots to like every company would be global threat.  
That’s right! Fake comments can make people believe a product is better than it is, which is a global threat.

Submit

Ethics in Technology

1/1 point (ungraded)

Which demographic is most likely to be a victim of cyberstalking?

- ☐ Men over 30
- ☐ Men under 30
- ☐ Women over 30
- ☒ Women under 30

Answer

Correct: Correct! Women under 30 are most likely to be cyberstalked.

Submit

Multiple Choice

1/1 point (ungraded)

A company has offices in multiple countries and wants to use social media to post customer reviews about its service.

Which threat could the company encounter while posting its reviews?

- ☐ Customers choose not to give reviews.
- ☐ The company posts fake reviews for one location.
- ☐ A customer gives a bad review.
- ☒ The company posts personal information for every customer.

Answer

Correct: Correct! Posting every customer's personal information would be a global threat.

Submit

Multiple Choice

1/1 point (ungraded)

An organization is integrating AI to improve decision-making processes using predictive analytics. What should they focus on to prevent unauthorized access to the data and maintain data integrity?

- ☐ Rely on manual checks to ensure data accuracy and security
- ☒ Implement data access controls and audit trails to monitor and secure data access
- ☐ Allow all team members to modify data without oversight to enhance flexibility
- ☐ Use general-purpose software tools without customization for data security

Answer

Ethics in Technology

Submit

Multiple Choice

1/1 point (ungraded)

A telemedicine service is concerned about the security of remote patient data during transmission. The service uses video conferencing for live consultations. What measure should the service prioritize to protect patient data?

- ☐ Use a public video conferencing platform for all consultations
- ☒ Ensure that the video conferencing platform complies with HIPAA regulations and uses encryption
- ☐ Regularly change the video conferencing platform to avoid
- ☐ Limit the use of video to only emergency consultations

Answer

Correct:  
Correct! Ensuring that the video conferencing platform complies with HIPAA and uses encryption is essential for protecting patient data.

Submit

# Ethics in Technology

© All Rights Reserved



[ADA Accommodation](#)

© 2020 Western Governors University - WGU. All Rights Reserved.

[Privacy Policy](#) | [Terms of Service](#) | [Honor Code](#)