

LEARNING ACTIVITY

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Questions:

a. Identify at least three unprofessional practices Carlo committed.

1. Skipping through testing
2. Failing to document his work
3. Hardcoding the admin password
4. Considering selling user data

b. How could proper testing and documentation have prevented the system failure?

Testing could have revealed performance issues before peak usage, and documentation would have helped maintain and fix the system quickly.

c. Why is hardcoding credentials considered an unprofessional and risky practice?

It exposes the system to security breaches and makes credentials easy to discover and misuse.

d. What ethical dilemma did Carlo face regarding user data?

Whether to protect user privacy or sell personal data for financial gain.

e. Which ethical principle did he risk violating by considering selling the data?

Confidentiality and privacy of user information.

f. How could his actions potentially harm the users?

Users could experience data breaches, loss of privacy, identity theft, and disruption of critical appointment services