**Weekly Assignment 14**

Look at the Assignment14RiskAssessment spreadsheet.

Add 10 controls from the NIST 800-53 security family. You can select whichever ones you want, just make sure you have realistic mitigating controls listed.

For the Risk/Threat/Scenario column you will list a type of risk you are thinking of.

For example: The passwords from the database are stolen.

Under the column “What damage can it cause if it occurs?” you can write what might happen. For example:

Stolen passwords could lead to financial losses, identity theft, and compromised personal information for affected users. We could face significant reputational damage, legal liabilities, and regulatory scrutiny. Long-term consequences might include diminished customer confidence, loss of business, and enduring vulnerabilities in our IT infrastructure.

For the Likelihood column you fill out a 1 if an event is very unlikely and a 10 if it is very likely.

For the Impact column you fill out how impactful the event would be if it were to occur. A 1 is that it would have very low impact and a 10 would mean it could threaten the entire business.

The score column should be automatically calculated from the Likelihood and Impact columns. The higher the score the more important it is to mitigate that risk.

For the Mitigating Control column you will write out a solution to the risk. You would write about a technology and/or a process that will eliminate the risk.

For example:

To protect the passwords in the database, all of them will be encrypted using a 512 bit salted hash. No unencrypted passwords will be allowed in any database column.

Finally you will then list the NIST 800-53 control that you selected for that risk.

When you are finished upload this document into Canvas for your submission.

A close-up of a screen

Description automatically generated

A screenshot of a computer

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