Module 8: Journal

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CS 405 Secure Coding

# Journal

Throughout the course I have learned about the importance of adopting secure coding standards and thinking about security throughout all the stages of development thus not leaving it to the end. The evaluation and assessment of risk and cost benefit of mitigation is crucial in making informed decisions about which vulnerabilities to prioritize for remediation. As discussed throughout the course we should take into account the likelihood of exploitation and the potential impact on the organization when evaluating the severity of vulnerabilities.

By assuming that no user or device is inherently trusted, the zero-trust model requires continuous authentication and authorization before granting access to any system or data. This approach ensures that security is not reliant on perimeter-based defenses and instead focuses on securing individual devices, applications, and data. I like to follow through with as much as I can on this rule especially since it takes more effort to fix any problems if they were to occur than it does to avoid it.

The implementation and recommendation of security policies is crucial to ensuring that organizations are taking a holistic approach to security. As we’ve discussed throughout the course, identifying the assets that need protection by analyzing motives towards those assets will help ensure that security remains a top priority and is properly integrated into all aspects of development.