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Portfolio Reflection

CS – 405

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When companies adopt secure coding standards developers will have the guidance, they need to safely deliver higher-quality software. This is very important and essential when it comes to developing a secure system and mitigating risk. The emphasis on best practices is something all companies, organizations and users should adopt. When you see the statement that says don’t leave security to the end, it means you must implement safe and best security practices throughout your process and not at the end as it can be rushed and not as well implemented which then can have vulnerabilities present.

The evaluation and assessment of risk and cost benefit mitigation would be a commonly applied tool for deciding on risk protection. Risk Assessment and Risk Mitigation is a process in which identifying, assessing, and mitigating risk takes place to scope, schedule, cost, and quality of the project. (GeeksforGeeks, 2022).

Zero trust requires verification from all entities, whatever their device or location, before access is granted. A proactive approach such as this minimizes the potential impact of breaches by limiting lateral movement within the network, reducing the risk of insider threats, and enhancing overall security posture. (Zscaler, n.d.).

Implementing and recommending a security policy should always start with an assessment, especially if you need to present to an organization. It always has to start somewhere, and by recommending and implementing these policies it can begin a transition to a more secure system.

**References**

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