CS-405 Module 8 Project Journal   
Christina Jimenez   
[christina.jimenez3@snhu.edu](mailto:christina.jimenez3@snhu.edu)   
Southern New Hampshire University

* Adoption of a secure coding standard, and not leaving security to the end

Adopting security throughout the development process is crucial to the security of a system, it cannot be an afterthought. By adopting secure coding standards from the beginning, we can be proactive, an approach that will save time, reduce remediation costs, and create an overall more secure system.

* Evaluation and assessment of risk and cost benefit of mitigation

The threat matrix really aided in evaluating security risks, whether it is their severity or the likelihood of it occurring. The framework allowed us to prioritize which vulnerabilities needed immediate attention and estimate the remediation cost of each based on severity.

* Zero trust

Zero trust is important since it emphasizes the need to not trust any entity regardless of it being internal or external. Taking this into account we can consider both internal and external threats.

* Implementation and recommendations of security policies

Implementing comprehensive policies from encryption to DevSecOps automation, demonstrates how we can take security principles and turn them to guidelines. Having clear and specific guidelines defined allows us to act on specific vulnerabilities.