Module 8: Portfolio Reflection

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*Reflect on and include a discussion of the following topics, using readings from throughout the course to support your views.*

* Adoption of a secure coding standard, and not leaving security to the end
  + Adoption of secure coding standards should be as highly considered as you would with coding standards. By introducing them into such will ensure your code runs as you would expect it to. If implemented right, you can ensure that your code will operate as you expect it to. This is essentially the same as coding standards.
* Evaluation and assessment of risk and cost benefit of mitigation
  + Evaluating a risk can led you to ranking threats. Prioritizing the worst-case scenarios first can provide quick and effective security. This will save the business more money in the long run because the more sensitive data is tied to the higher priority threats. This sensitive data has the potential to cripple the business. If it isn’t prioritized correctly, you could end up with a failing business model, and that isn’t good for anyone.
* Zero trust
  + Zero trust is a security model that requires users to authenticate themselves multiple times during a session to ensure that the user remains authenticated as they traverse the site. This will reduce the number of bad actors having full privilege to wonder the site and potential data unimpeded.
* Implementation and recommendations of security policies
  + There should be no hesitation when it comes to implementing security policy. Without sufficient security, your data and the data of your customers will be at risk. If this happens, your business will have a decrease in customer opinion. This will decrease the potential customer base, and ultimately ruin your business. By implementing security and looking for more vulnerabilities, you can ensure that your customer base will remain happy to continue to do business with you.