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CS-405   
Week 8 Journal

This is your final course reflection as well as your portfolio submission. 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

Security has always been a priority in the world of computers. Whether people adopt that priority or not is the real question. With computers being so important in today’s world it is imperative that we don’t leave security until the end. The best companies are based purely off of security now.

* Evaluation and assessment of risk and cost benefit of mitigation

Mitigation is the reduction of something harmful or painful. When we evaluate our risk of mitigation we are evaluating what risk we should take care of. Image in a large company we have a product that receives crashes and bug errors every day. When we evaluate we have to weight the options of what to fix first.

* Zero trust

Zero trust the policy of not handing out trust to any one on the network. When building an IT system we always want to have zero trust in users and in products. We should assume that everyone who touches the product is attempting to break it.

* Implementation and recommendations of security policies

Security should always be the first thought, policies to recommend are 2FA and only give access to those who absolutely require it. For example even an IT admin shouldn’t be able to look at the finances and should lock themselves out of that system except for one or two people dedicated to such topic.