Module 8 Journal

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

The adoption of a secure coding standard involves not leaving security to the end as well as a security document that lays out all the standards you wish to follow. The discussion is whether or not doing security during all the phases of the SDLC is financially and economically feasible or should it be left till the end of the life cycle.

* Evaluation and assessment of risk and cost benefit of mitigation

Risk evaluation is when you compare a risk with another risk to see which is worse. Risk assessment is evaluating risk as to the hazards included in the risk and implementing a solution for the matter.

Mitigation is the process of reducing loss of life and property involved in a disaster.

* Zero trust

Zero trust is a situation where a company does not trust anything outside or inside of its boundaries and must verify everything before allowing access to the network.

* Implementation and recommendations of security policies
* 1. Identify your risks
* 2. Learn from others
* 3. Make sure the policy conforms to legal requirements
* 4. Level of security = level of risk
* 5. Include staff in policy development
* 6. Train your employees
* 7. Get it in writing
* 8. Set clear penalties and enforce them
* 9. Update your staff
* 10. Install the tools you need
* **Recommendations:-**
* 1. INSTALL ANTIVIRUS SOFTWARE AND KEEP ALL COMPUTER SOFTWARE PATCHED
* 2. USE A STRONG PASSWORD FOR EVERY SITE AND APPLICATION YOU USE
* 3. USE A SECURE WI-FI CONNECTIONS AT HOME AND AWAY
* 4. BACK UP IMPORTANT INFORMATION
* 5. DOWNLOAD FILES LEGALLY