Discussion 8.1  
WEB-340  
Security Mindset

***Using your own words, what does it mean to have a “security mindset?”***

To me, having a security mindset means being actively aware of the security measures you must take while developing a website or application. Working in this manner will help prevent security risks in the future, whether they are small and insignificant or large and catastrophic. You are coding in a way that puts security of that site or application at the forefront of you attention and priorities and this will help you build strong and secure sites and apps in the future.

***List and explain three (3) known security vulnerabilities in a web application.***

* Cross site scripting
  + This is when any user-controlled data is being interpreted by the browser as code.1
* Open Redirect
  + This will automatically send user to a different page.
  + It is done by redirecting to a similar looking but malicious site in order to trick the user into submitting sensitive information like credit cards.1
* SQL Injection
  + This is very similar cross site scripting in that it accepts user data to return desired data from the database.2 This can be used to retrieve the information from the database that could be sensitive .

***Sources:***

* <https://www.youtube.com/watch?v=av1-lFtcoI4> 1
* <https://www.youtube.com/watch?v=sY7pUJU8a7U> 2