5.5

Blog Post Reflection

After looking at the different licenses, we decided that an Open Source MIT License would be the best for our project.

Pros	Cons
- Allows many permissions and free distribution of material - Easy to understand, quite short and simple - Compatible with other licenses	- No warranties, could stop functioning at any time - Less strict with crediting owner - People can use code without crediting work

This is how we chose our license.

Progress: We haven’t created/implemented the license yet but that is the next step

5.6

Safe Computing

1. Describe PII you have seen on a project in CompSci Principles

On some projects, mine included, there is an “about me” page with name, grade, and hobbies, and possibly more information if they choose to include it.

2. What are your feelings about PII and your personal exposure?

I think that it is fine most of the time when it is controlled and used for the purpose that is intended. A personal negative side I’ve seen is during senior assassins where we can find most of our targets’ addresses because their parents have them online.

3. Describe good and bad passwords? What is another step that is used to assist in authentication.

A “good” password is difficult to guess, and includes randomness, complexity, and length. An example would be something such as “m#P52s@ap$V” or a passphrase such as “coW!burN#movE?pianOh.” A bad password is something that consists of only letters/numbers, is short, and easy to guess. Examples are “12345678” “87654321” “qwerty” and “password.”

4. Try to describe Symmetric and Asymmetric encryption.

Symmetric encryption is a form of encryption where only one key called a secret key is used to encrypt and decrypt electronic information. On the other hand, asymmetric cryptography (public-key cryptography) is a process that uses a pair of related keys – one public key and one private key – to encrypt and decrypt a message and protect it from unauthorized access or use.

5. Provide an example of encryption we used in AWS deployment.

The encryption we used before AWS was asymmetric encryption when we created our fastpages repositories. We had to have keys in order to deploy them and have access to a single repository. To the best of my understanding, we did something similar for AWS and used data keys.

6. Describe a phishing scheme you have learned about the hard way. Describe some other phishing techniques.

When I was about 8 I was on my mom’s phone and an ad popped up telling me that I could spin a wheel and possibly win an iphone. I was so excited and wanted to help my mom out so I spun the wheel and it told me I had won an iphone and just needed to enter some information to pick it up. Luckily I had to go to my mother to get the information that the scam wanted and she realized what was going on. Phishing affects small children and older people the most generally because they have less technological experience. Other techniques are phone calls claiming that the victim is under investigation for a crime and need to pay a large fee, or emails from a family member/rich person who needs some money and will pay back later.