A S S I G N M E N T 0 G R A D I N G S H E E T

My name: \_\_\_\_\_\_\_\_**Sidney Sanders**\_\_\_\_\_ [ **PRINT** ]

CS3160-Section: **1001**

Answer the following questions.

\_\_\_/1 Grade sheet submitted via canvas

\_\_\_\_/ 4 Select four dilemmas, reflect on them, and answer how you would handle a developer working for a company. You were directed to or witnessed actions that would result in the described dilemmas.

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| ***Which dilemma?*** | ***What would you/could you do?*** |
| How free does content really want to be? | If you are a developer for a company that distributes your work, I do believe that you signed up for that and if it specifically states they are using you work for distributing reasons, you cant6 expect them not too. If you disagree with the company’s decisions, you either need to voice your concern or find a company that better follows your personal beliefs and respects that. |
| How much protection is enough | Many times, for protection is better, customers should be getting at least a minimal security protection but for everything to get a “double-encrypted” system is sometimes unnecessary. It should depend entirely on customer input. Customers need to be made aware of security risks and the ways to protect themselves, but I believe it is a case-by-case issue. |
| To bug-fix or not to bug-fix? | Many of these topics are so open ended, I think any project with working teams will have list with bugs needed to be fixed as people test the project and find issues. Many teams have set people determined to fix all issues coming on from the testers. All bugs are attempted to be fixed and many big issue bugs are given high priority if they affect the project in that big of a way. I believe all issues should be worked out, but it is hard to have all bugs fixed at one time, those with high priority are fixed first and all others to follow. |
| How much to give back to open source | Open-source code is a great resource for a lot of people I believe that it’s a good thing not just one person if contributing to this so if you use code you should try in the future to contribute you self and that way it becomes more of a give take than a take and move on. |

\_\_\_\_/ 5 Discuss how the ACM Code of Ethics teaches you what you should do when you come face to face with an ethical dilemma. Give examples by applying the code of ethics to two different dilemmas in the article (not discussed in the above question).

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| ***Which dilemma?*** | ***Applicable ACM Code of Ethics Principle*** | ***How does it apply?*** |
| No. 7: How far to defend customers against data requests | 1.7 Honor confidentiality. | Provide enough protection to give privacy to all those that use the sight when wanted. Having an opt out decision on your project is one way to help protect privacy on a website and keep confidentiality when wanted. |
| No. 11: How bulletproof should code really be | 3.1 Ensure that the public good is the central concern during all professional computing work. | Code will most likely have holes in it and bad people may find them and exploit that, being able to stop it quickly or have a backup plan for those situations need to be put in place for keeping people safe and your project used for good. |

\_\_\_\_/ 5 Give an example of another dilemma (different from the twelve discussed in the article) that you have faced or think can occur or is occurring in the software development environment.

Data is always being collected whether we believe it or not. Many ways its taking with out your knowledge and companies do not care, you need to take it upon yourself to try and protect your self more than anything. I take it upon my self to help teach others how to be safer online and help show what can help them protect their own information from being taken by online websites. Being more self-aware of what you are putting out onto the internet is always a good thing to know and to help others realize as well.

\_\_\_/15 **Total points**