Homework 4 – CS 3162   **Your Name:** _____
Lead Programmer Woes
Professional Responsibility in Computer Science and Software Engineering
Dr. DeGroot's Class

Due: Sunday, September 25, 2022 by midnight

This homework is to be based on your reading of and thinking about Chapter 9 of our text, *A Gift of Fire*.

1. For the following scenario, identify at least 6 major stakeholders.
2. List at least 5 possible serious actions you can take if you find yourself in this situation..
3. How would each possible action affect each of the different stakeholders? (Give at least one possible consequence for each stakeholder and each possible action. You might want to create a table for this.)
4. Which action would you most prefer to take?
5. Explain why?
6. Who will "pay the price" for your decision?

There is no minimum number of words you must write to address these issues, but discuss these questions with enough depth and clarity to make your thoughts and choices precise and a function of the information below. Be prepared to discuss in class. I may select several of you at random to present your material. Maybe not, though. Who knows?

> **You are the lead programmer on a new software product.** You work for a small, privately owned software company that has had only limited success in the past. There is nothing else on the market similar to the new software you and your colleagues are developing. The software is just entering the testing stage, which is estimated to take approximately 10-12 months. The scheduled release date is 14 months from now. You and the other developers have been working long hours, 60 hours a week, and earning a relatively low salary. The entire development team will be sharing in the profits once the new software is launched. The company's owner has just returned from an industry tradeshow and has learned about a consumer tradeshow that would be perfect for launching the new product. The project manager meets with you and the other developers on the team and tells you that the owner is very excited and determined to release the product at the consumer show, which is only 6 months away. It will take at least 2 months to prepare the marketing and packaging for the product. You are told you have 4 months to test and fix any problems. Now what?