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Ethical Cybersecurity Considerations
Reflection #1
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CYSE 368

During the first 50 hours of the internship, I have reaffirmed my knowledge on cybersecurity regarding various threats and the importance of proper policy when protecting small businesses. Recently, we worked in a group as a sort of test run. We were given an organization that had limited cybersecurity knowledge and tasked to implement a security plan for this organization. We had limited insight on the actual requirements of the organizations, and only had intuition to determine what could potentially threaten this organization. Objectively and technically, I believe I was able to identify the key vulnerabilities that were facing this organization and some potential mitigation techniques that would be able to deal with said vulnerabilities. However, we were also challenged to look at the situation from an ethical standpoint, which I didn't understand exactly how we were meant to look at the situation from that perspective. I believe that I need to learn more about looking at organizations from an ethical standpoint, as I often just think of cybersecurity as making sure organizations are policy/legally compliant and that their technologies are protected and up to date.

My group members also proposed certain solutions that might be able to satisfy the requirements of being ethically sound, someone even proposed to make the organizational cybersecurity training user friendly with a mascot to help people connect more with the information they are learning. I also learned a lot about how other people solve the issue of solving cybersecurity issues from an ethical standpoint, and hope that during this semester I can continue to work with my classmates and learn more about ethical cybersecurity. In conclusion, these first 50 hours of the internship have reaffirmed my knowledge of the policy side of cybersecurity, and opened my eyes to the ethical sides of cybersecurity and I hope that I can continue to expand my knowledge later during the semester.