Samantha Jones

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Playbook Entry 3: Reflect on the Hand-On Projects

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1. **Title:** Playbook Entry 3: Reflect on the Hand-On Projects
2. **Summary of Key Concepts:**

Windows Defender and controlled folder access. Understanding of Ransomware. QR codes. List of vulnerabilities for Microsoft and Apple.

1. **Key Takeaways:**

-Controlled folder access is not always compatible with software being used.

-There is an endless list of ransomwares that has been used to attack victims

-Threat actors create QR codes that are embedded with a malicious URL and will place it on top of a legitimate QR code created by a company.

**4. Tools and Techniques Used:**

**-**Windows defender was used to understand how to enable controlled folder access.

-We used free QR code generators to help us understand how QR codes are used.

-We used a website that a list of ransomwares that have been used to attack users,

**5. Lab Summary:**

**-**In hands-on project 5-2 we used our personal computers to understand windows capabilities in keeping a network safe. We could enable control folder access to better secure our computers. This project helped us understand how to use windows defender to increase our computers defenses.

-In hands-on project 5-6 we were given a website where we could see the various types of ransomwares that have been used to gain sensitive data. This project helped us understand there is an endless list of threats that computers and networks could become vulnerable to.

-In hands-on project 6-1 we used three different free QR code generators to understand how attackers can use these QR codes to gain access to sensitive data. QR codes are used by mobile devices.

-In hands-on project 6-2 we were given a website that showed us recent vulnerabilities that windows had fixed. The website could also see if there was ransomware running on your computer and would give the solution to fixing it if there was one available.

**6. Real world application:**

All the projects have real world use. Better understanding of windows defense can help us keep our computers and networks more secure. Knowing the various types of ransomwares keeps us up to date on what to look for when it comes to being attacked in that way. Understanding QR codes better can also keep us up to date on what to look for when it comes to being attacked in that way. Keeping a known vulnerability list for Microsoft can help us make sure computers and networks are up to date and cannot be attacked through the known vulnerabilities.

**7. Questions:**

I don’t really have any questions. Once we submit our assignments, we can no longer see what that assignment was about. This playbook was hard to do because of that. I had a hard time remembering what we did in each assignment. Maybe there’s a way to submit the =assignment and still be able to see what that specific assignment was about.