**Cyber 550: Project Proposal**

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Our group is looking to create a manual for NMAP and ZENMAP. NMAP is one of the more popular tools for information security and information technology professionals. While NMAP’s official documentation is well done, we are looking at creating documentation that can help a user from the installation process, to the actual use case of this tool in one concise document.

Our manual will include host information and specifications, guest information and specifications, and commands. We will also include use cases for NMAP/ZENMAP such as how to use it for network issues and completing different types of scans, network discovery, network troubleshooting, inventory, OS fingerprinting, and port scanning.

Our goal is to have a concise document that can help someone who has never used NMAP before and allow them to be efficient with our documentation. With the growing threats in cyber, understanding and leveraging tools like NMAP are important as ever. These tools will help not only organizations but individuals to secure their systems and protect their data.