During the project, you'll spend a day in the life of a security professional dealing with a potential security incident. You'll leverage everything you've learned throughout the course to answer pressing questions from your Chief Information Security Officer, which is usually the head leader of security in the work environment. Throughout the project, you will summarize and profile a threat, you'll conduct a real vulnerability scan, you'll analyze results and recommend a remediation strategy, you'll leverage penetration testing tactics to crack passwords, and finally you'll document the actions required to respond to the incident.

Similar to your project, as a security professional, you may be asked to do tasks such as:

- Summarizing and profiling a cyber threat

- Conducting a vulnerability scan

- Researching, analyzing, and prioritizing vulnerabilities

- Documenting incident response actions