



Unit 6 & 11 Evaluation

**Course:** MSc Computer Science

**Module:** Network Information Security Management

**Assignment:** ePortfolio

**Date:** Monday 1<sup>st</sup> November 2021

**Student ID:** 126853

## Evaluation:

Within the Unit 6 assignment of the Network Information Security Management module, we had produced a design document setting out how we would perform comprehensive penetration testing on the e-Health website our group had been assigned. As part of this, we identified a series of tools and attack vectors we will be investigating during the module. Such tools included Kali Linux, Nmap, Metasploit, Nikto, OWASP ZAP and the Burp Suite (Holmes et al., 2021).

In general, we did not omit any tests which were included within the Unit 6 Design Document; however, we did choose to include advisory notices, such as the lack of SSL (Holmes et al., 2021), due to the potential severity, which could occur in the event of a breach. We understood that this was an example site provided for academic development; however, we believed that these necessary features should have been included in our final report for completeness. This inclusion also affected our use of the Common Vulnerability Scoring System (CVSS) for vulnerability ranking. Again, these items were purely advisory notices instead of the vulnerabilities covered within the scoring system.

In general, I believe our Executive Summary document produced within the Unit 11 assignment met all of the objectives we set out to achieve within our design brief and those within the assignment requirements. We had learnt various penetration techniques and security measures that should be considered when developing new systems.

References:

Holmes, K., Martinez, V., Zavarce, S., Cowie, G. (2021) 'Unit 6: Design Document'.  
Paper submitted to the University of Essex Online for Network and Information  
Security Management.