

1.2 PROFESSIONAL PRACTICE AND ETHICAL RESPONSIBILITIES STATEMENT

Project Title: Campus Network Hardening: A Vulnerability Remediation Exercise

Project Team Members:

- Muhammad Syahiran Bin Mohd Zohren
- Faris Wazirul Kenchana Bin Juin Mayur Kenchana
- Muhammad Aiman Tan
- Muhammad Hasif Bin Baharudin

Target Environment:

- Bahagian Keselamatan (BK)
- UMPSA Pekan Campus

Date of Agreement: 27/3/2025

1. Scope of Work

The project team has been given approval to evaluate the network and data systems at UMPSA Pekan Campus and Bahagian Keselamatan (BK) through ethical hacking operations. The following are included in the project's scope:

- List of Systems and Components
 - BK staff desktops, computers, and laptops.
 - All security operations workstations within the BK facility.
 - BK servers.
 - Public Wi-Fi network, including all security access points.
 - Network infrastructure and security devices supporting BK's operations.

2. Permission and Authorization

Every network evaluation and security assessment will be conducted with prior approval from the authorities in Faculty of Computing, Bahagian Keselamatan (BK) and UMPSA Administration. All activities will also be conducted within the limits specified in the project contract and supervised by the course lecturer, Ts. Dr. Noorhuzaimi@Karimah Binti Mohd Noor. Only the systems and data required for the assessment are accessible to the project team. It is completely prohibited to alter, extract, or misuse information in any way without authorization. Before any disclosure or mitigation measures are implemented, any security flaws will be carefully notified to the appropriate authorities.

3. Legal and Ethical Responsibilities

The project team must adhere to all national applicable laws, UMPSA's policies, and ethical guidelines for security research, including:

- Responsible security assessments must be conducted without endangering the university operations, faculty or student data, or any academic resources.
- Any vulnerabilities that are found must be kept private and shared with only those who are authorized.
- The project team must strictly adhere to the authorized scope and ethical hacking norms.

4. Code of Ethics

Through the project, every team member is required to follow the highest ethical standards, which include:

- Performing security evaluations fairly and honestly, without taking advantage of flaws for private or illegal benefits.
- Maintaining confidentiality involves protecting private data and security discoveries from suspicious parties and the public.
- Taking responsibility for every step taken during the security testing and making sure the project's guidelines are followed.

5. Confidentiality

All confidential information collected throughout the project, including system configurations, IP addresses, and identified vulnerabilities, will be handled with strict confidentiality. The team pledges to:

- Securely store sensitive data and limit access to authorized team members only.
- Share project-related details exclusively with the lecturer or other approved individuals.
- Avoid disclosing any information to external parties without prior written consent from the lecturer and relevant authorities.
- Properly dispose of or anonymize sensitive data upon project completion.

6. Reporting and Documentation

All confidential information gathered during the project, including system settings, IP addresses, and vulnerability findings, will be treated with the utmost confidentiality. The team commits to:

- Storing sensitive data securely and restricting access only to authorized team members.
- Sharing project-related information solely with the lecturer or other approved individuals.
- Refraining from disclosing any details to external parties without written permission from the lecturer and appropriate authorities.
- Ensuring proper disposal or anonymization of sensitive data upon project completion.

7. Termination

This agreement is subject to termination by the lecturer, which will be communicated in writing. In the event of termination, the project team will promptly cease all work and deliver a comprehensive final report to the lecturer.

8. Signatures

By signing below, the project team members and the lecturer agree to the terms and conditions outlined in this agreement.

Project Team Members:

- Muhammad Syahiran Bin Mohd Zohren (*Syahiran*) [27/3/2025]
- Faris Wazirul Kenchana Bin Juin Mayur Kenchana (*Faris*) [27/3/2025]
- Muhammad Aiman Tan (*Aiman Tan*) [27/3/2025]
- Muhammad Hasif Bin Baharudin (*Hasif*) [27/3/2025]

Lecturer:

Ts. Dr. Noorhuzaimi@Karimah Binti Mohd Noor (.....) [28/3/2025]