

Web Application Security Testing – Task 1

Future Interns Cyber Security Internship

Overview

This project documents Task 1 of the Future Interns Cyber Security Internship. The goal was to identify common web application vulnerabilities using ethical security testing techniques.

Target Application

URL: <http://testphp.vulnweb.com>

Purpose: Intentionally vulnerable application for learning

Tools & Environment

OWASP ZAP

Operating System: Windows

Scan Type: Traditional Spider and Active Scan

Vulnerabilities Identified

High Risk: SQL Injection (MySQL & Time-Based)

Medium/Low Risk: Missing security headers, CSRF protection, server information disclosure

Security Report

A detailed PDF report with evidence and mitigation steps is included in the project.

Disclaimer

Testing was performed strictly for educational purposes on an authorized vulnerable application.