**Cybersecurity-Internship-Project**

**Project 1: Web Application Vulnerability Scanner**

# Introduction

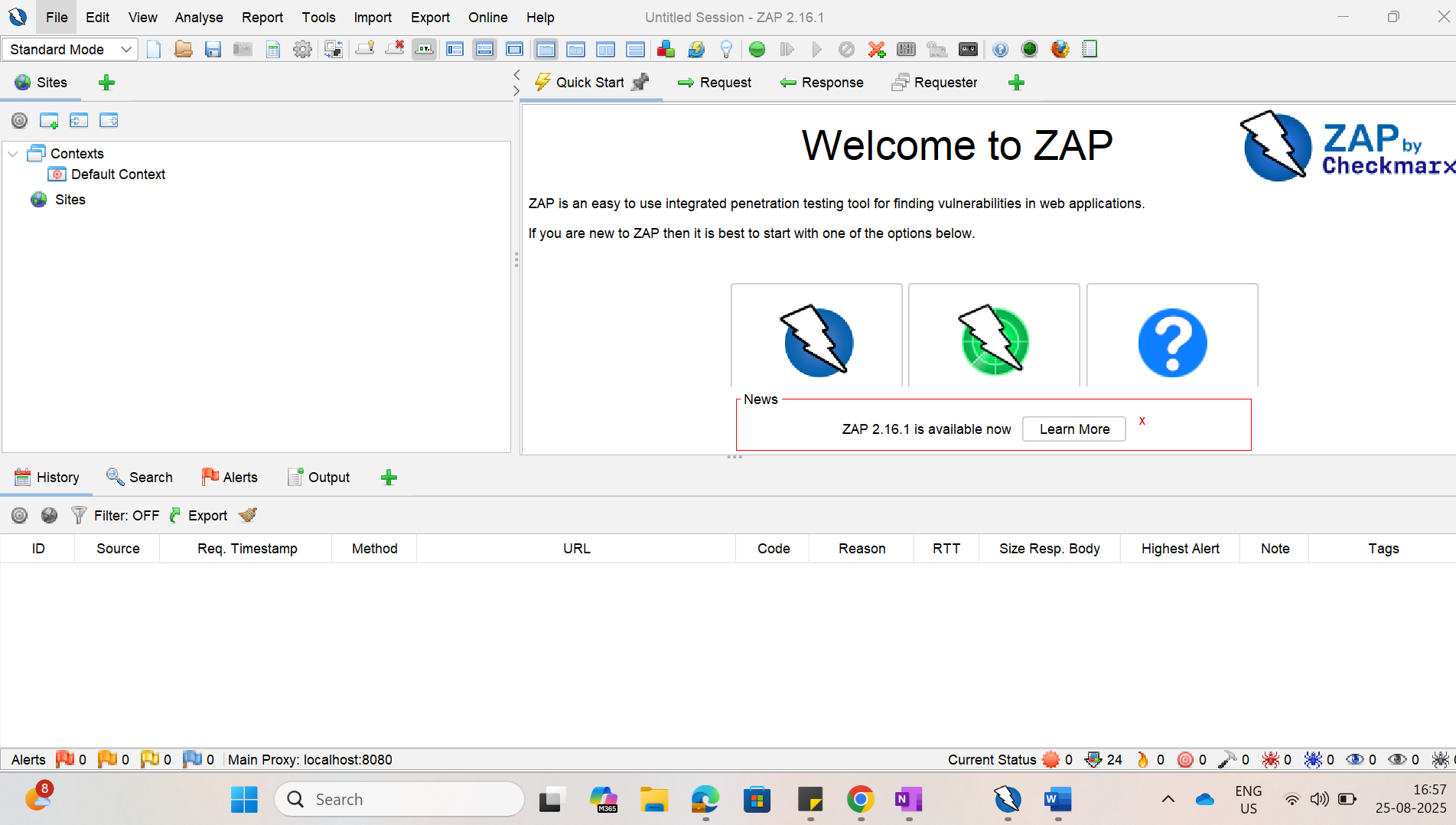
OWASP ZAP (Zed Attack Proxy) is an open-source tool used for web application security testing. For this project, I used ZAP to scan a deliberately vulnerable web application (<http://testphp.vulnweb.com/>) and identify common vulnerabilities.

# Project Objective

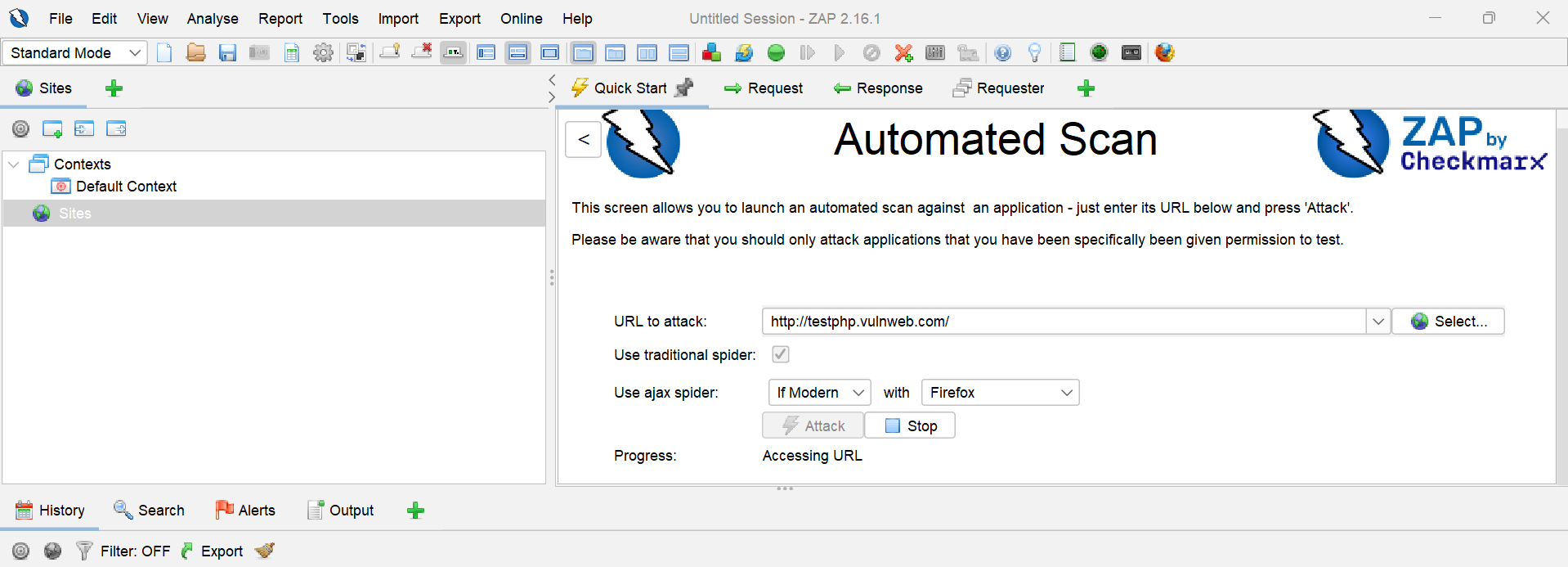
The objective of this project is to perform an automated vulnerability scan on a sample vulnerable application, identify weaknesses, and generate a security report.

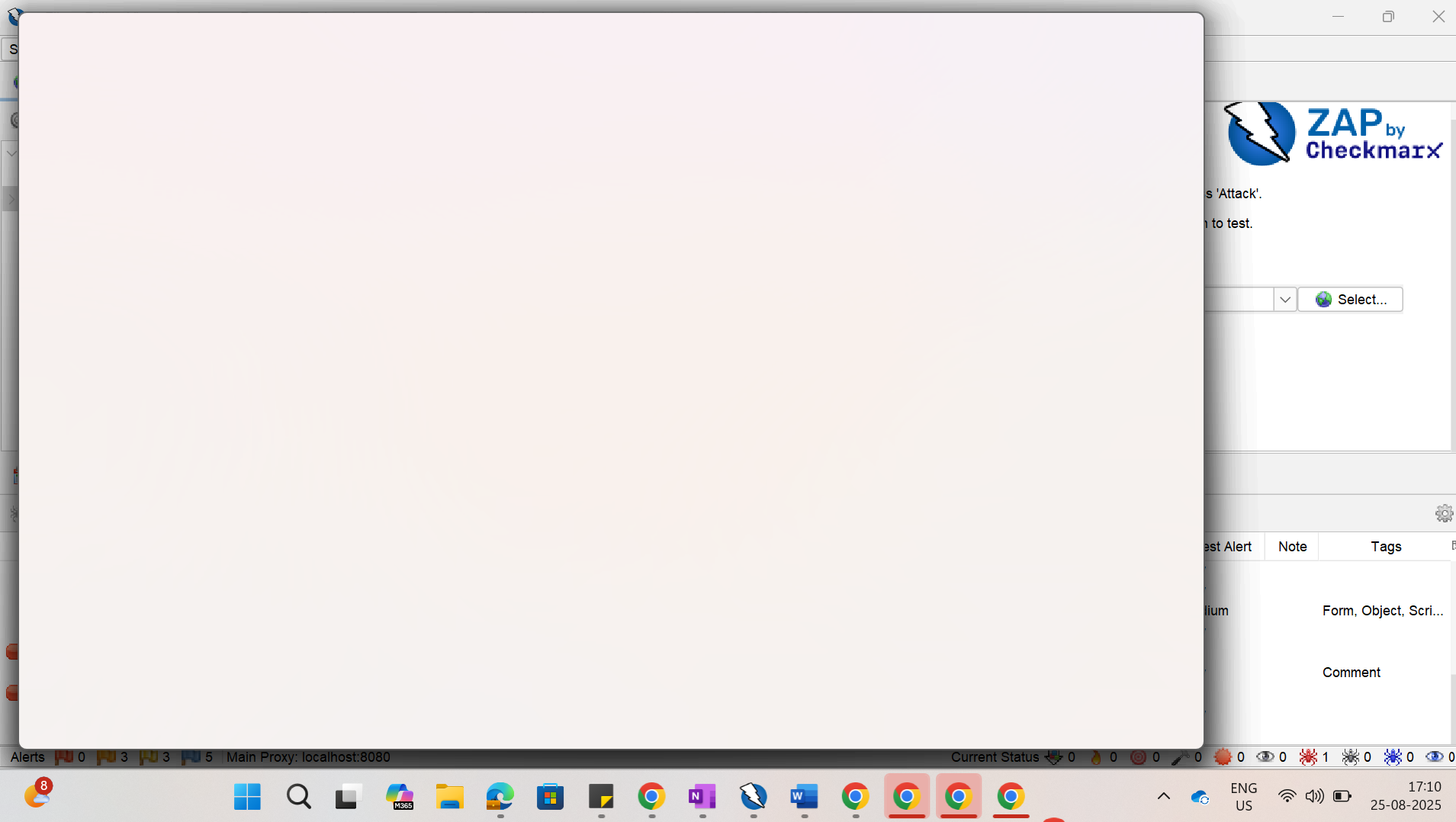
# Steps Taken

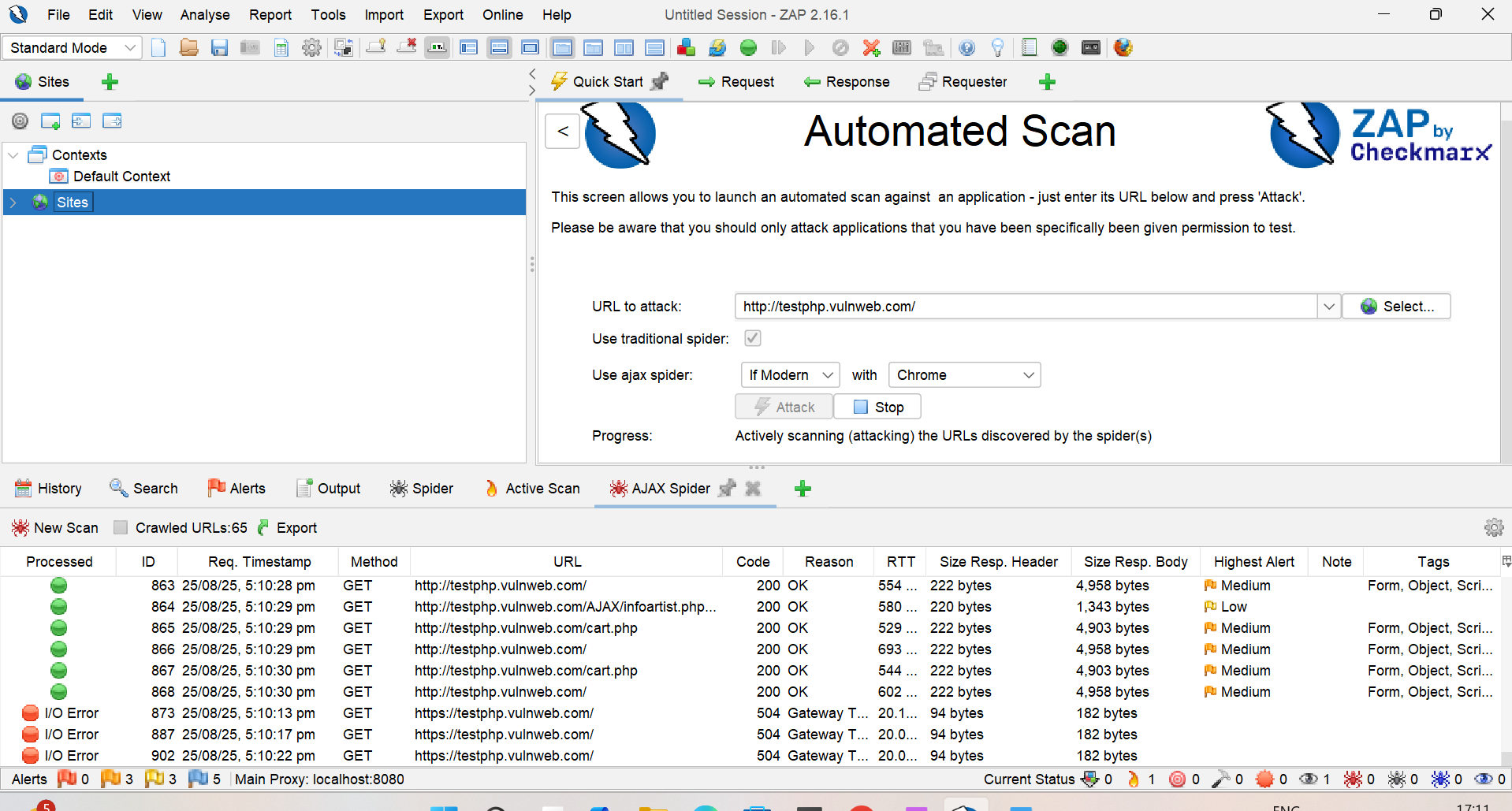
Started with installing OWASP ZAP as shown in the below screenshot.



Started the Attach on <http://testphp.vulnweb.com/>

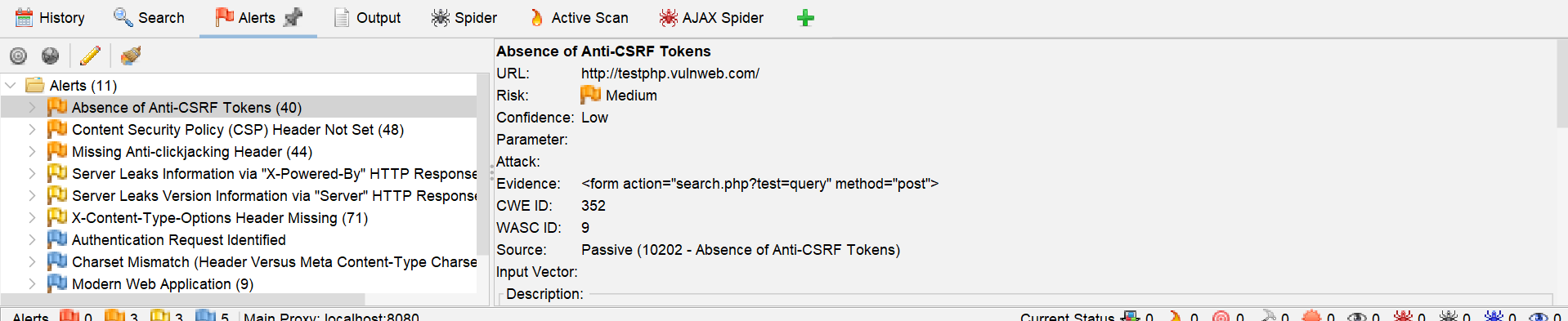




  
  
We can see the 65 URLs crawled and Medium + Low severity like cart.php and infotarist.php

More Vulnerabilities below in the screenshot  
  
A screenshot of a computer

AI-generated content may be incorrect.

Below are some of the in detail alerts screenshots  
  
1. 

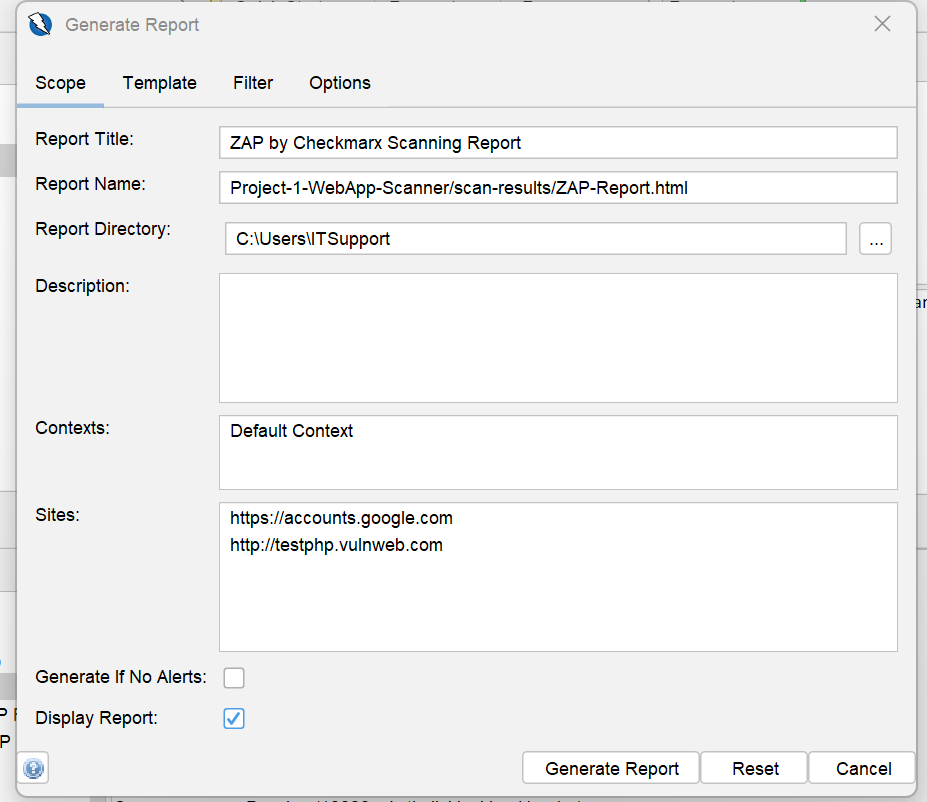
2. A screenshot of a computer

AI-generated content may be incorrect.

3. A screenshot of a computer

AI-generated content may be incorrect.

Then we generated the report of this to as you can see in the below step



# Conclusion

This project demonstrates the ability to use OWASP ZAP for web vulnerability scanning. While the findings are from a demo site, the process mirrors real-world security testing workflows.