Configuration Manual

MSc Research Project
MSC. Cyber Security

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MSc Project Submission Sheet

School of Computing

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Programme:	MSc. In Cyber Security **Year:** 2020-2021
Module:	Internship
Lecturer:	Niall Heffernan
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Project Title:	**WHITE BOX TESTING XML INJECTIONS IN WEBSITES**
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Signature: …………………………Varun Rangaraj……………………………

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Configuration Manual

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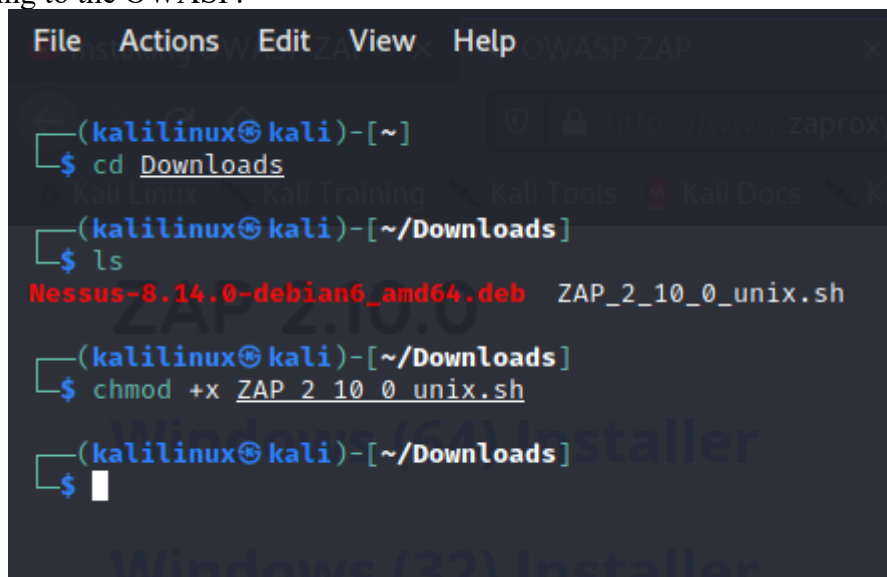### Student ID: X19213573

INTRODUCTION
XML security is considered as one of our networks protocol types and the XML based network protocol helps to analyse structured data that are included within formatted information. The researcher has chosen positivism philosophy to identify the impact of white box testing in XML injection Websites. XML security is considered as one of our networks protocol types and the XML based network protocol helps to analyse structured data that are included within formatted information. The researcher has chosen static code to identify the impact of white box testing in XML injection Websites. Linux software has helped to visualize the influencing factors of white box testing in the XML injection website.

System Configuration

- Kali Linux operating system
- Linux package installer
- Installing OWASP version 2.0
- linux-x64 installation

Section 1: Download OWASP

The "OWASP ZAP (Zed Attack Proxy)" is one of the most effective penetration tools for finding the vulnerabilities, corresponding to different web applications. It is free and open-source tools for finding the vulnerabilities. The above figure shows the download page, corresponding to the OWASP.

Section 2: OWASP
The "cd Download" has been used in order to enter the "Downloads" directory. Moreover, the "ls" command has been utilized for showing the files related to the selected directory. Furthermore, the "chmod +x" command has been considered for making a file executable.

Section 3: Root user

The "sudo su" has been considered to for entering into root user.

Step 1: Installing OWASP

This command has been utilized for installing the owasp.

Section 4: Sudo apt upgrade

This code has been utilized for upgrading the distro.

Section 5: Sudo apt update

This command has been used for updating the distro after installing any software.

Section 6: XAMPP Interface

The command "chmod 777" has been used to make a file accessible to everywhere.