

Don Bosco Institute of Technology
Department of Information Technology

Experiment No 9

Title: Keylogger Tool

Problem Definition: Study any Keylogger tool – a malicious software , used for keylogger attack.

Pre - requisite: Concept of software security

Theory:

Keyloggers are hardware or software tools that capture characters sent from the keyboard to an attached computer. They have both lawful/ethical and unlawful/unethical applications. Lawful applications include:

- Quality assurance testers analyzing sources of system errors
- Developers and analysts studying user interaction with systems
- Employee monitoring
- Law enforcement or private investigators looking for evidence of an ongoing crime or inappropriate behavior.

Keyloggers are widely used to monitor children activity on computers or to monitor employees: what they are doing offline and online, which sites are visiting and what kind of content, what exactly they are talking with others and more.

Also, you can use them to monitor the activity on your computer when you are away from it, if someone has access to it.

One such popular keylogger tool is Spyrix Free Keylogger

Spyrix is an American software company that develops and distributes PC and internet monitoring products for home users, businesses, schools, and governmental agencies. The company has been in existence since 2009 and is currently headquartered in Torrance, California.

The Free Keylogger is one of many PC monitoring tools Spyrix offers. It's a simple keylogger for other PCs you're authorized to monitor. If you need additional features, such as blocking specific websites or screen recording, Spyrix offers two other advanced monitoring tools; Personal Monitor and Employee Monitoring.

Features of Spyrix Keylogger are:

Keystrokes

You can log every keystroke on a connected PC using Spyrix's Free Keylogger. The app records everything that a monitored PC user types on their keyboard. It can also log every clipboard (copy-paste) activity of a connected PC.

Screenshot Capture

You can set Spyrix's Free Keylogger to take periodic screenshots of a user's screen. These screenshots automatically save to a gallery that you can view later. The app limits the total size of screenshots to 50MB and can not keep them for more than two days. If your needs surpass that limit, you'd need to pay for Spyrix's advanced monitoring tools.

Apps Activity

Spyrix's Free Keylogger lets you view all the apps running on a connected PC and what time they've been open. It can also keep logs of how long each user session lasts.

Removable Drives Control

The app enables you to monitor any removable drive (USB, HDD, SD card, etc.) connected to a PC. This feature helps prevent data leaks, mainly in businesses dealing with sensitive information.

Printer Monitoring

You can control the use of printers on an authorized PC and monitor every printer activity. This feature prevents users from printing unauthorized documents within an organization.

Remote Uninstallation

You don't need to be physically present to uninstall Spyrix's Free Keylogger. You can do that remotely through the web-based interface.

Analytics/Reports

You may not always have the time to monitor users actively, but don't fret. The app can generate periodic reports concerning every user's activity and deliver them directly to your email.

Results:

A keylogger tool has been studied successfully.

References :

https://www.researchgate.net/publication/228797653_Keystroke_logging_keylogging