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Final project:
Keylogger and security

KEYLOGGER AND SECURITY

- A Keylogger is a form of malware or hardware that kepps track of and records your keystrokes as you type.
- It is a type of surveillance technology used to moniter and record each keystroke on a specific device,such as a computer or smartphone.
- There are two types of keyloggers

1.Software Keyloggers

Operating Keyloggers: Installed at the operating system level and can intercept keystrokes before they reach applications.

2.Hardware Keyloggers

Wireless Keyloggers: Intercept signals from wireless keyboards.

AGENDA

The main agenda of the keylogger is that are primarily used by attackers to capture sensitive information without the victims knowledge.

Some of the key points of the agenda for a keylogger :

- **Personel communication:**
  capture text from instant messagin applications and social media.
- **Behaviour Tracking:**
  moniter application usage and document interaction.

PROBLEM STATEMENT

Key loggers present a significant security threat by capturing sensitive user information, Leading to unauthorized access and data breaches.

This problem necessitates the development of sophisticated security measures,user education ,and robust organizational policies to mitigate the risks associated with keyloggers.

The problem in the content of keyloggers and security typically revolves around the following key points:

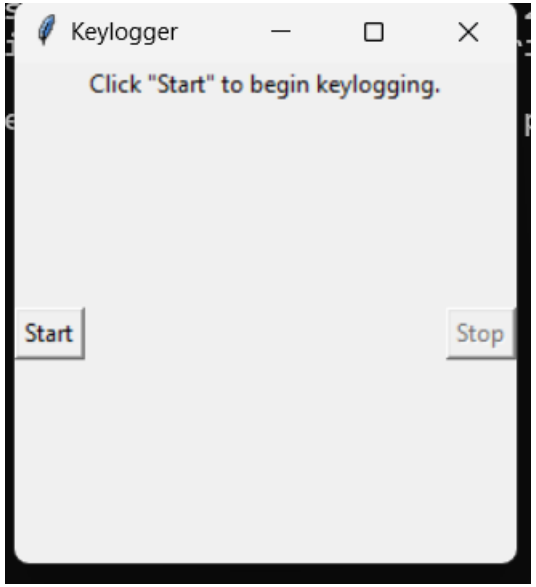
>Unauthorized Access and Data Theft.
>User Privacy Violation.
>Detection and Prevention.
>Impact on Organizations.
>Legal and Ethic Issues.
>Countermeasures and Security Practices.

PROJECT OVERVIEW

The Overview of the project is:

In this project we had a code to execute and use the keylogger and can know the user information everything what they are typing.

So,by executing the code the out put will be:



by clicking start option the process will begin and the information will be start capturing.

WHO ARE THE END USERS?
The end users are:

>**Individual Users:** Intrested in personel privacy and protection of their sensitive information.

>**Bussiness and Financial Institutions:** Focused on protecting client data,maintaining trust,and ensuring compliance.

>**IT and Security Professionals:** Tasked with implementing,managing,and improving security measures to safeguard against keyloggers.

>**Government and regulatory Bodies:** Ensure laws and regulations are followed to protect the public and organizational data from cyber threat.

>**Developers and Technology providers:** Innovate and provide solutions to detect and mitigate keylogging threats.

YOUR SOLUTION AND ITS VALUE PROPOSITION

For developing and implementing security solutions against keyloggers,the value proposition includes:

> **Enhanced Security:**Providing robust protection against keyloggers ensures the sensitive information and maintains user trust.

>**Compilance:**Helping organizations comply with data protection regulations and avoid legal penalties.

>**Operational Integrity:**Preventing data breachs and cyber attacks that could distrupt operations and result in significant financial losses.

THE WOW IN YOUR SOLUTION

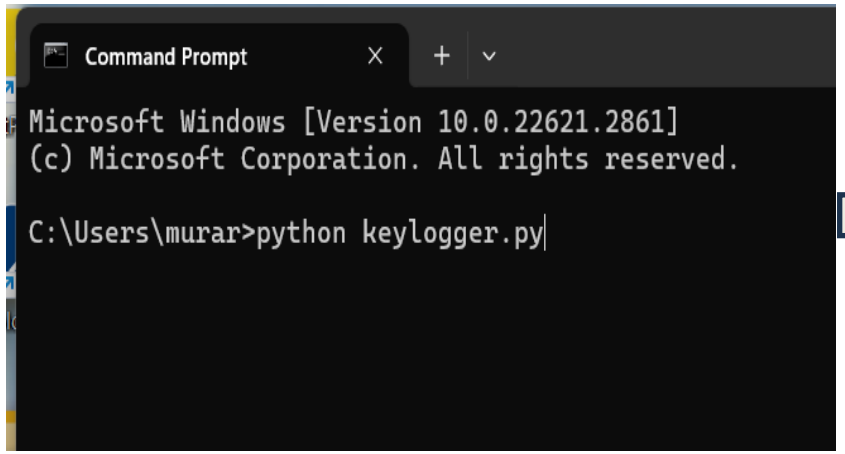
In this solution i clearly observed that if we try we can easily get the data of the user without their permission.It has advanced detection algorithms,comprehensive protection measures with centric features.

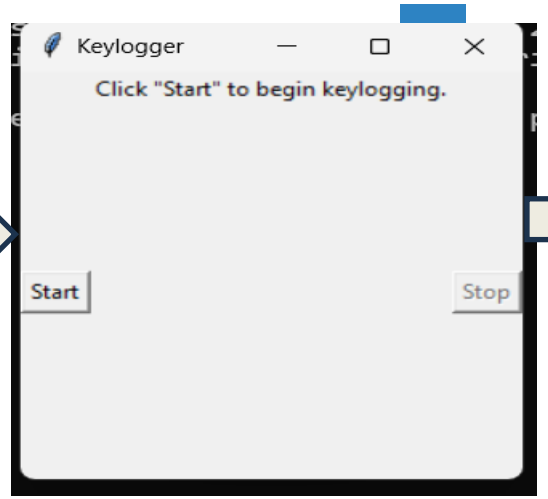
Some of the elements that contribute to a compiling keylogger solution is:

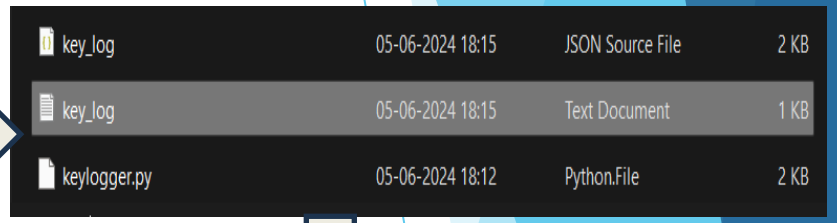
>Advanced Detection Algorithms.
>Comprehensive Protection.
>User-Friendly Interface.
>Stealth Mode Operation.
>Cross-Platform Compatibility.
>Educational Resources and Support.

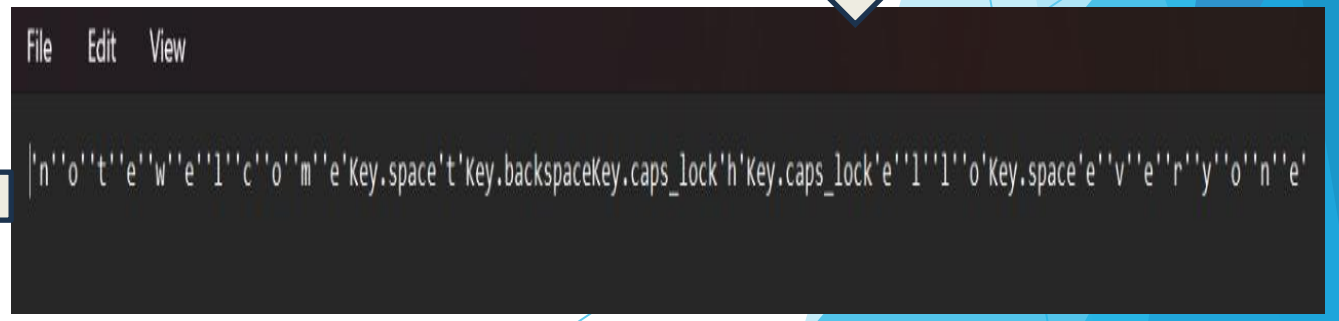
MODELLING

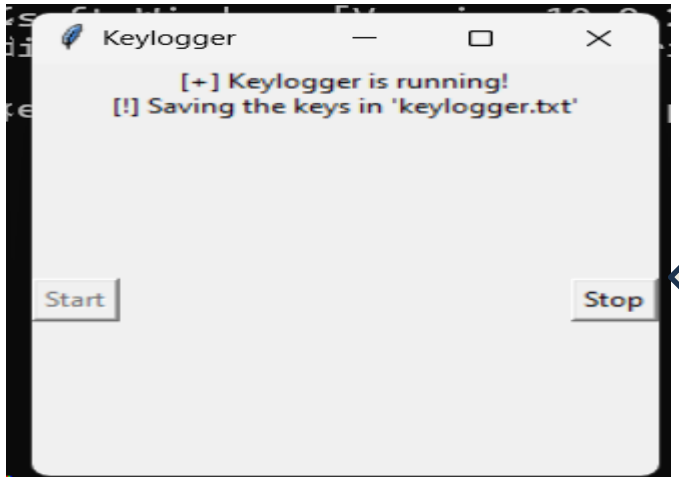
Teams cam add wireframes











RESULTS

The results we get in this keylogger is:

we can find the data that user use.

Keylogger records keystrokes:

Legitimate use: Moniter employee productivity.

Illegal uses: Steal passwords,usernames,and other personel/corporate data.

There are ways to protect yourself:

Be aware of what's installed on your computer.

Use caution when surfing the internet.

Keep your computer's security software updated.

Example of keylogger's output: