



Ministry of Higher Education and
Scientific Research

University of Babylon

College of Information Technology

Department of Information Security

Study: (Morning)



Design a system to analyze digital forensics.

**A Graduate Project Submitted to the department of Information Security of
the College of Information Technology, University of Babylon, in Partial
Fulfillment of the Requirements for the Bachelor's degree in the Information
Security of Information Technology.**

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Abstract

It is likely that about one out of many large companies systematically monitors the computer, internet, or email use of its user's employees.

There are over hundred's different products available today that will let organizations see what their users do at work on their "personal" computers, in their email, and on the internet.

But what do such numbers really mean? What does company monitoring of user/employee email, internet, and computer usage actually look like? What sorts of things can an organization/company see users do at their computers, and what sorts of computer activities are currently invisible to workplace monitoring? This admittedly document attempts to propose, as concretely as possible what "Informational Flow" on internet and computer usage looks like:

its extent, the key concepts involved, and the forces driving its adoption. The keylogging program logs all keystrokes (aka Keystroke Logging) along with the name of the application in which the keystrokes were entered.

Using keylogger we prevent the miscellaneous use of system. Using this we capture all information in text and image form. Key Terms: - Email monitoring, Internet monitoring, Computer monitoring, Chats/IM is monitoring, Network monitoring, Document monitoring, Web site monitoring, Productivity monitoring, keylogging.

This project performs a key strokes capture to monitor users/employees activities on a local site, which clicks they made

The program works by capture each click and letter, then analyze and encrypt all the captured information

I performed the practical side using Python programming language which is very powerful in network environment because of its modules and libraries. I implement this work on windows 11.