GiveMeYourInfo (GMYI)
Team Introduction

Team Members

Bayram SALMAN

Student ID: 191805018

Github Account: https://github.com/mclbayram

Cihat ÇOBAN

Student ID: 191805010

Github Account: https://github.com/cihatcoban

Yusuf Metin ÖZER

Student ID: 221805079

Github Account: https://github.com/ymozer

GiveMeYourInfo (GMYI) [https://github.com/ymozer/GMYI]

We are trying to make computer virus that specifies as spyware and adware that works on Windows. After infecting the victim's computer, GMYI can gather information about installed hardware (CPU, Memory, GPU, etc.) and software (Office, Steam, etc.). This information will provide us learn about the user and their behaviors. So, we can analyze the data we captured. I will explain the whole capability of software when finished but for the current semester, we will only focus on the data collection side of things.

We can divide users based on captured data: if an infected user's computer has a beefy GPU and has few games on the system, we assume that the user is a "Gamer" or if there are "Office" programs installed and frequency of using these programs is a lot, then we can say this user is an office worker.

After the analysis, we can take action about what to do with the analyzed data. These actions can be:

- Making personalized advertisement pop-up screen based on user type.
- Access the infected device remotely
- Turn on the device's camera, video recording, and audio recording functions
- Steal their stored data

User Types (can be expanded):

- Office Worker (Office 365, libreoffice, etc.)
- Gamer (Epic Games, Steam, etc.)
- Programmer (Visual Studio, Sublime Text, Vim, Python, JDK, etc.)
- Web Designer (node.js, PHP, Visual Studio Code, Atom, etc.)
- Web Surfer (Edge, Chrome, etc.)
- Pirate, Leecher (µTorrent, bittorrent)
- Animator (Blender, 3ds Max, Maya, etc.)
- Hacker, Administrator (Linux)
- Photographer, Graphic artist (Photoshop, Gimp, Illustrator etc.)
- Producer (Davinci Resolve, After Effects, etc.)

The below diagram shows simply how our software works and its capabilities: