Resources:

<https://www.miltonmarketing.com/coding/coding-computer-viruses/coding-autorun-inf-script-virus/>

https://stackoverflow.com/questions/38786014/how-to-compile-executable-for-windows-with-gcc-with-linux-subsystem

<https://www.bleepingcomputer.com/forums/t/662699/disable-re-enable-mouse-via-command-prompt/>

<https://docs.microsoft.com/en-us/powershell/module/microsoft.powershell.utility/send-mailmessage?view=powershell-7>

http://www.kaushikbaruah.com/posts/data-structure-in-c-hashmap/

Initial Scope

The intention of our software will be to simulate a ransomware attack based from a usb

The script will run from the usb and then lock the user from input.

The program will load a hash map of credit card conditions from a file

It will prevent mouse input and accept command line input for the user to input a credit card number, exp, name, number

It will then check the credit card number against a preset list of conditions for validity

regex

If it is a false credit card number will prompt the user for reentry

If it is valid, it will store the cc number in a file

File will store date, etc

~WILL Potentially send to remote server

Timeline

|  |  |  |
| --- | --- | --- |
| Activity | Projected Date (dd/mm) | Actual Date (dd/mm) |
| Finalization of research | 28/02 |  |
| Finalization of Analysis, Algorithm, and Test Data | 09/03 |  |
| Implementation(to be further divided after analysis) | 31/03 |  |
| Presentation Work | 07/04 |  |