ABSTRACT

Software is one most of usefully in information technology to improvement otomation and computerity of human work necessity. At now there are a lot of developper in software whose called software vendor that develop any kind of software product. It's very routine to always improve and maintenance to take away user trusted. Unfortunately that hard work must be pay so expensive because one of problem that's product security. Many product have been distributed an illegal version and absolutely that's make a big suffer a financial loss. In this fact this research developed for give an altervative solution about software security.

The system work is doing inject new code that called STUB in executable file which user choosed. The code is extracted from serial number of USB Drive that a litte hardware but usefully for store data and now we can get it easy and cheaply in many hardware store place. The USB is used as facilitator executable file, in other word if executable not in this USB so that's file can not executed.

This thesis will produce a protecion system with the ability to protect software without damaging the information in the system, solving software cracking, improve the loading system speed before the protection, reducing software file size before the protection.

Keywords: Executable file, STUB, USB Drive, Software Security.