ABSTRACT

Digital Forensics is a knowledge related to the process of identifying and investigating digital evidence on a computer. Digital Forensics has another purpose, besides having a function to identify the digital evidence, this knowledge can also help to investigate the digital evidence from a case.

In General, the digital evidence was stored on computer storage media. Because of Digital Forensics, all evidence who has indentified and investigate before, it can be valid and proper to be used in court. This application using NIST 80086 as a reference procedure which is the procedure is one of the reference of International Forensic Science.

The purpose of using these standard is when conducting an investigation, this stages can be applied by investigator to obtain valid evidence to be used in legal proceedings. The result of this research is are making application that can classify and clustering digital evidence on storage media using the K-Means clustering algorithm to help investigation.

Key Word: *Digital Forensics, Digital Evidence, Clustering Algorithm, K-Means Algorithm*