

ABSTRACT

Digital forensics is a branch of forensic science that combines two scientific fields namely computer science and law. This forensic science will conduct an investigation of digital evidence on storage media on computers. In this research a classification application is made using the K-NN method, so that the evidence is valid and can be used as evidence in court proceedings. The results of this study are a system that can classify or classify digital evidence contained on an Android mobile device, especially in non-volatile memory. The system uses K-NN classification algorithm which is useful to assist the investigation process accurately and easily understood for a crime. In this research, it succeeded in classifying digital evidence from an android device from an android mobile device by testing non-file extensions and successfully identifying all extensions of 50 files and being able to classify digital evidence using the header file as a reference for reading the data being tested.

Keywords : Android, classification, digital forensics, K-NN classification algorithm, mobile, non-volatile memory.