ABSTRACT

Mobile phone's development in Indonesia is increasing rapidly, especially in 2000s as globalization era. Mobile phone's producers come to commence their business. As of the growth, sometimes mobile phone becomes the reason of criminality. With the development of forensic studies in technological fields, the effects of criminality caused by mobile phone can be revealed. For example, using mobile forensic study. IPhone, as Apple's product, is one of most popular mobile brands in Indonesia. The iPhone is not only used for making a call or texting message, but also for saving audios, pictures, and videos. This kind of mobile phone can also be used for planning criminal acts or taking criminal proofs away.

In this final project was made an iPhone application to get the deleted SMS and CDR data using xcode and Objective-C programming language. Users can show the deleted SMS and CDR.

By using this mobile forensic application can restore 100% SMS and CDR data on jailbreaked iPhone. After factory reset, 5% SMS data and 10% CDR data can be recovered.

Keywords: iphone, mobile forensics, smartphones, data recovery