ABSTRACT

Money is the most commonly used means of payment by the public. But without denying fake money is widely circulated and there are still many people who are less accurate in recognizing the authenticity of the money. For people with disabilities that lack of visual itself will be hard to know the identity from the money. This will be bad for social life, as we known that money is main payment that can use by everyone.

With this problem, in this Final Project will be designed and implemented an android based mobile application that can recognize currency with image. Applications designed using the Scale Invariant Feature Transform (SIFT) method that can provide information to users about their nominal and authenticity of the money using Indonesian.

This application can help people with disabilities to find informations about authenticity of foreign currency. With this application people with disabilities also can tell the identity of the money itself with more accurate considering this app has implemented by SIFT method on feature extraction, but it will took more time to process because from the SIFT method itself are more focus on accuracy.

Keywords: Foreign Currency, Mobile Application, Android, Scale Invariant Feature Transform (SIFT).