

## ABSTRACT

Metadata is an information in a file, be it an image file or a text file. Metadata information in a file can contain many important information. Metadata information will be different each file. This is why metadata can be used as an identification to a file. Metadata can be used as a label for a file to make it easier to search, but when someone want to search for a file using metadata, not all metadata can be used as a keyword to find the file. This can be a problem to someone when the file need to have specific metadata information. For example, when someone want to research something that needs data from many images with specific metadata information, those images will be hard to find. Google image is one of the search engine that collects many images from the internet. If someone wants to find images through google image, they cannot use metadata as keyword.

Based on the problem above, in this final project will do a research to build and implement a system to process image file that are scrapped from google image and give labels to thos images based on their metadata information. System will use python as programming language and to store thos information, MySQL will be used as database.

***Keywords*** : *Google Image, Metadata, Labelling, Database.*