ABSTRACT

Nowadays the development of internet and intranet has a significant role for its users, particularly in terms of image, audio, or video files. The statement was supported by the number of users accessing the internet and intranet in the form of image audio, and video files.

One constraint on the use of internet or intranet, which is in the process of downloading a file, because the original file size is very large so it may take longer to process. Problems also arise when users upload image, audio, and video file but size (resolution) file is too large, but the size specified is the file of a certain size (example: upload a maximum of 50 MB video file), this becomes impractical when user must perform compression on the files manually and then perform a file upload process again.

This final project created a web application to upload image, audio, and video files in one unit. On this web-based application users do not need to compress the file manually before doing the upload process.

This final project may allow a user, especially for the uploader of files in the form of images, audio, and video. The quality of image, audio, and video that has been compressed is analyzed and the results of analysis of this last project has a compression of time - average of 2.76 s, 52.63 s and 289.79 s in image, audio and video compressed from 30 trials with the average compression quality - average 1724%, 1090% and 800% in image, audio and compressed video.

Keywords : *image, audio, video, web, php, Apache , Ffmpeg, Imagick*