

Bridging the personal digital photo annotation and retrieval gap in user oriented image query

Abstract

Photos can be in non-digital or digital form. Photos are valuable and historical things because they are powerful in expressing the implicit storytelling other than to deliver visions or ideas. Photos can be a role player in expressing their feelings. As a result, people now have thousands of digital photo collection as a consequence of digital camera popularity and mobile phone with camera technology. We can also see that the sales of photo printing paper have risen due to the rapid growth of these technologies. This situation has affected users to keep a variety of photos for their own reasons.

Useful annotation process method for digital photo collection is necessary so that photo management becomes easier to manage especially when users want to search or browse through their photos. This situation has motivated research in the area of digital photo management system. A few researchers have done their research about photo management. For example, Kerry Rodden found that people would like to have a systematic photo management and easy access in browsing, but they do not make the effort to do it (K. Rodden, 1999). A few years later, based on their survey (K. Rodden, 1999) Rodden and Kenneth analyzed a system for photo management that could organize, annotate, indexes, search and browse digital images called Shoebox (K. Rodden and K.R. Wood, 2003).