A Secure Similarity Image Retrieval in Cloud Server

A. Moshika, Gowsalya D, Nandhini S, Ramya R, Subhasri S

Alpha College of Engineering and Technology, Puducherry

ABSTRACT

In the cloud network of remote servers hosted on the internet to store manage and method data, rather than a local server or a personal computer. The cloud network has many issues which include security, time delay, accuracy, data issues and performance issues. PCBIR is one of the challenging and emerging technologies which has high computation task because of the algorithm computation. More and more researchers from different research areas do research with the help of cloud computing in order to retrieve an image in an efficient way in PCBIR scheme which allow the data owner to outsource the image database in the cloud server. The data user retrieves the image with the help of data owner by receiving the key (encryption and decryption). When the data owner was not available, the data user doesn't get a key, so the searching time is exaggerated. In order to conquer the restriction of the existing system, a SSIR scheme enable the resource-constrained consumers to move the process of pre-processing images to cloud sever and perform thorough in cloud server. This will reduce the cost of client as well as retrieve an image with high pledge which will be very faster and perfect. So, proposing a SSIR system based on PCBIR, which can protect the privacy of features and image contents from cloud server. Comparing to the existing solutions, this scheme can provide a new secure similarity image search solution.