



Research Article



## Design and Implementation of a Framework for Image Search Reranking

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### ABSTRACT

Images play a vital role in the real world applications.

Government and civil application need to process images in terms of searching, identification and so on. In this context, it is imperative to have an application that can provide web search results so as to automate process of searching for web images. Ranking techniques have been around for improving quality of search results. Reranking is another technique that provides more quality of results. This is the motivation behind this research work which is aimed at proposing a new way of performing reranking. Many techniques came into existence in the real-world. However, their efficiency can be improved further. In this paper, we proposed a framework for image reranking. Our framework performs reranking for web search results. We proposed an algorithm for the same. The algorithm is capable of performing reranking based attributes. The algorithm is implemented using image API and other business logic. We built a prototype application to demonstrate the proof of concept. The empirical results reveal that the proposed framework is useful for image search reranking.

**Keywords** – Image search, reranking, image processing.

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