ABSTRACT

This research is about Information Retrieval in the use to retrieve information. In this project, Vector Space Model technique has been studied. Nowadays, the amount of knowledge that available in the world is increasing at a fast pace and most of it still conveyed through text documents. Therefore, to deal with the ever growing amount of text, it is necessary to develop better suited model to retrieve the relevant documents based on users need. The objectives of this project are to determine the main concept and features of IR. Experiments have been conducted to evaluate the relevance evaluation of the prototype. In VSM, the model creates a space in which both documents and queries are represented by vectors. A vector similarity function, such as the inner product can be used to compute the similarity between a document and a query. Documents are then ranked in descending order according to their similarity values. In this project, a collection of text documents are used and the text documents are in English. The results show that the VSM technique can be applied to retrieve information.