

Nowadays where amount of document is huge, manual searching could be possible to do by reading one by one document in document collection due to get document which is we searching for. But, if we do that way it needs a lot of time if document itself is huge. Information retrieval system can assist to solve this problem.

Process in information retrieval can be figure as a process to get relevant document from document collection by searching the query which is input to systems by user. Good information retrieval systems is the systems that can get all relevant document and the result was ranked in top chart. To get good systems all we need is effective rank method when calculating similarity score a document. In this final project will be using Dynamic Window Based method in calculating similarity score.

The analysis conducted in this thesis is to compare the performance of the method of Dynamic Window-Based and Probabilistic methods. As for the accuracy of the system in taking the relevant documents can be seen from the value of Precision, Recall while for the system's ability to take the relevant documents can be seen from the IAP value obtained. According to tests performed using the method of system performance with the Dynamic Window-Based Probabilistic better than those provided in the document there are terms that will create value conjoint similarity maximum score. Change window width Dynamic Window Based on the method will also influence the performance of the system.

Keyword : *Information Retrieval System, Dynamic Window Based, similarity score, Probabilistic, Precision, Recall, IAP.*