Abstract

Clustering documents are a commonly found in our life and considered an important things so it is used in various fields, like technology. Basic of the idea on clustering dokumen, that is grouping the document which have relevan with other document. So, in the end of step, each document will be join with other relevan documents.

Cover Coefficient Clustering Method (C3M) is one of Clustering Algorithm which used probabilistic model, term similarities and document seed as important poins in decide the first of initialization from forming the cluster where the documents before this have been processed so they can be processed by using C3M Algorithm. It is called data preprocessing or indexing document. In indexing, one of the step is stemming. In this Final Project, Jelita Asian Algorithm used on stemming step and C3M Algorithm used on clustering document.

Tests performed in this Final Project are clustering document by C3M Algorithm, analyze the Cover Coefficient C3M and the steps of C3M and also analyze the result of cluster quality by combine of Asian Jelitausing *Silhouette Coefficient.* And found that the quality of the resulting cluster is included in weak by the average silhouette values

Keywords : *C3M, Jelita Asian, CBR , SilhouetteCoefficient , Clustering, Indexing*