Abstract

Al-Qur'an has become the guideline for all Muslims in the world, which makes many Muslims are eager to understand its contents. Nevertheless, Al-Qur'an consist of many words that have more than one meaning, which represent certain difficulties while understanding the meaning itself. As example, the word أَزْوَاجًا has two equivalents as it might be translated either "jodoh" ("mate") in Surah An-Nahl (16: 72: 6) and "golongan-golongan" ("groups") in Surah Al-Hijr (15: 88: 8). This case is known as a word sense, a word that have more than one meaning. This research aims to constructing the word sense in a set of vocabulary, in order to simplify the vocabulary meaning in Al-Qur'an itself. The dataset used in this research is nouns from Al-Qur'an which have been translated into Bahasa. In order to construct the set of word sense, this research grouped the words using Hierarchical Clustering method. The total set of the word senses found is 34 nouns which contains diverse translation. The F measure from evaluation of this research resulted in an accuracy of 65.85%. The result was obtained based on the conformity between the results of the word senses set by the system and by the linguists. The outcome of this research is, accuracy is low, due to the type and the number data used is limited.

Keywords—Word Senses Set,, Hierarchical Clustering, Qur'an