

## Abstract

The development of times and technology has made many religious experts in the world create documents that translate the Koran into various languages and make it easier for all Muslims to understand the content and meaning of the verses of the Quran. However, searching for a word or meaning manually will be difficult and takes a long time. One way to solve the problem of searching for words in the Al-Qur'an translation is by using the concordance method. Concordance is a method used to perform word search results, by entering keywords which will then be processed by the system. Concordance will display search results in list form without omitting the entire sentence / verse Al-Qur'an. A search using the concordance method will return more words than a normal search. Therefore the search system is combined with the Longest Common Subsequence (LCS) Algorithm to calculate the similarity value (similarity) between the overall query and verse translation, and sort the verses that are similar to the query. The concordance that is applied to the word and phrase search system for the translation of the Al-Qur'an verse in Indonesian consists of a concordance based on the word / phrase, and additional synonym concordances. Based on the results of testing the search system using the Longest Common Subsequence Algorithm can provide quite relevant results.

System obtains the *average* performance value of F<sub>1</sub>-Measure with 86,94% from lemma concordance and 84,82% from word/phrase concordance.

**Keywords:** concordance, Al-Quran, search, longest common subsequence.