

ABSTRACT

Al-Quran is the holy book for Muslims who are written using the Arabic language. The number of verses which pretty much makes the search of word in the text of the Quran is difficult by manually. Research that has been done is a search for extract string matching. Where if there is a typing error, then the search will not find the word that users are looking for. Therefore, built search system based on phonetic similarity (Phonetic String Matching) to resolve the problems. By using the Soundex algorithm, the system can provide several words phonetically similar and can measure the level of similarity by using Jaro-Winkler algorithm. In this research, the precise value of 80.7% and a recall of 100% and the correlation value of 80%.

Keyword: Al-Quran, *phonetic string matching, soundex, jaro-winkler*