

Abstract

The search for verses in the Qur'an that are in accordance with the pronunciation and the search for Latin scripts are not easy for users who do not know much about the knowledge in reciting the Qur'an. Therefore we need a search system for verses in the Qur'an that can make it easier for users to find the verse they want to search for that in accordance with the user's pronunciation. The search process through keyword that will generate word suggestions to find the verse being searched for, because in searching cases there are still many writing mistakes or typos. Therefore a Search Suggestion Engine is built based on a good level of accuracy using the Jaro Winkler Distance method and the system can provide a number of similar words also measure the level of similarity using the Jaro Winkler Distance Algorithm. In the algorithm is used the good similarity value from 0 to 1: if the string has high similarity value or close to 1 then it is considered suitable, but if the value is 0 then it is considered not. In this study the data that will be a word suggestion is the query the user inputted, if the input is close to similarity value (0.83), word suggestions will appear, but if it is below (0.83) the search engine suggestion will not bring up suggestions values and the similarity.

Keyword : The Qur'an , Suggestions word, Search Suggestion Engine, Jaro Winkler Distance.