

ABSTRACT

The Qur'an is a guide for Muslims in Worldwide. Everyday we read the Qur'an and not infrequently people searching word in The Qur'an. The Qur'an contains 114 letters, 30 juz' ,and 6236 verses. So it is not easy for people who wants searching words in The Qur'an. I this modern era many people using technology to obtain information that contained in The Qur'an. There is many software that can be use to searching word in The Qur'an. But the software only using an alphabet and Arabic. This reason make us as people who less and not yet fluent in Arabic will have difficult time when using such software. Software that already available, just use Exact String Matching for their searching method. If someone made a mistake in writing, then the system willnot show the result that we want. Errors in writing can happen because of differences in the pronunciation between Indonesian and Arabian. The method that I used in this research is doublemetaphone algorithm, this algorithm will perform matching based on similarity speech. Matching that I used is perform a search query based on the phonetic code, phonetic code will translate the information based on similarity speech. Result from this research obtained a precision value of 0.77 or 77%, the correlation value of 0.93 or 93% and Recall value of 0.83 or 83%. The development for this application are this application will show the image and the sound that has a match or similar with the query that who input by the user.

Keyword: *The Qur'an, Phonetic String Matching, Fonetic Code, Doublemetaphone Algorithm*