

## ***Abstract***

*Looking for verses in the Qur'an is not easy for users who do not have sufficient knowledge and skills in the Arabic language and the script. Therefore, phonetic search can be used to facilitate users to search for verses in the Qur'an according to the pronunciation and writing of the user. This last task aims to build the search system, specifically for Indonesian speakers. A n-gram method combined with phonetic encoding rules regarding reading the Qur'an is proposed to match the text of the Qur'an transliteration that has been converted into the Latin alphabet (in accordance Indonesian narrative) and query the user in Latin alphabet. Do indexing of trigrams used to approximate string matching. This system uses two search schemes that search with vowels and without vowels that have been compared to both of them and search with better vocals; 2 method of ranking is the number and location of the position trigram trigrams. From the results already obtained sufficient precision tested well with the search scheme using vowels of 0.746, while the search without vowels scheme for 0.515. After combining the two methods of ranking and search scheme with vocals recall value of 0.79 is obtained, and the obtained correlation value is large enough that 0.907 and the system can also accept a wide variety of queries properly.*

***Keywords:*** *Al-Quran, n-gram, trigram, Arabic, phonetic search*