DETECTION SYSTEMS
SCIENCE TAJWID THE AL-QUR'AN USING
ALGORITHM LIGHT STEMMING

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ABSTRACT

Tajweed science is a science how to read the Qur'an properly and orderly according makhrojnya, short length, the thickness, buzzing or not, rhythm and tone, as well as the point of coma has been taught by the Prophet told his companions. Tajweed science is very important for the readers of the Qur'an as an introduction to reading the Qur'an is true, because without tajwid people read the Qur'an will own way as reading other literature such as poetry. To avoid errors in reading the Qur'an it is necessary to understand the science of recitation. Stemming is a process to find the root of a word by removing all of affix. Stemming is used to change the shape of a word being said basis in accordance with good morphology and true. Arabic Unicode is a code in a computer language that can bring in the form of Arabic that is intact and appropriate, in Arabic Unicode range is 0600 - this 06FF in hexadecimal and decimal occupy for 1536 - 1791. Do the test by entering the database in the form of a letter Al- Qur'an to determine the level of accuracy in detecting tajwid system.

Keywords: tajwid, unicode and stemming.