**THE DIFFERENCE BETWEEN USING PAPER DICTIONARY AND E-DICTIONARY EFFECTS IN MEMORIZING NEW WORDS**

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**Abstract**

*Nowadays more and more students are using e-dictionary on their smartphones or Google Translate services, rather than using paper dictionary for their foreign language learning process. This action does have many benefits such as saving time, easy to access and so on. Interesetingly, does the time saved by searching a word in e-dictionary is actually worth for the students? Can the learners memorize the words they looked for in less than ten seconds, or the paper dictionary taking at least one minute in average lasts longer in their memory?*

*Human memory can be classified as short term and long term. Looking up a word in e-dictionary takes only a few seconds, and the words they have seen is stored in short term memory, while using paper dictionary allows the learner to recite the word multiple times in their mind or mouth and obviously takes more than just few seconds, usually a minute. This action does help the learner to store the new words in their long term memory. Taking longer time to look up for a word helps the user to memorize the word in their long term memory, in this paper we have tried to prove this theory with a proper research.*

**Key words:** Paper dictionary, e-dictionary, memorization, repetition