

SEARCHING FOR BASIC WORDS USING WEB-BASED PREFIX AND POSTFIX METHODS

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ABSTRACT

Basic words are words that have not been added, repeated and combined with other words. Basic words can be generated from an affixed word by eliminating the prefix, suffix or a combination of prefix and suffix. The prefix method is to eliminate zero or more character symbols from the back while the postfix method is to eliminate zero or more character symbols from the front. In this research, a basic word search application was made using the prefix and postfix methods with a web-based application, the first test was performed using a black box test and the results obtained were in accordance with the design that had been made namely the button on the application when clicked could lead to to the desired page and column in the application when inputted, the input results are as expected. The second test with functional testing found 60.20% success and 39.80% failure. Basic word search using the prefix and postfix methods is suitable, if the affixed words are beginning, ending, or beginning words and ending with the same number of letters.

Keywords : *Basic Word, Prefix Method, Postfix Method.*