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PROJECT REPORT

Synonym Searching using Stemming and Levensthein Distance Algorithms

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09.02.0052

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APPROVAL AND RATIFICATION PAGE

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Was created by myself and wasn't plagiarized from any other source, except that in writing expressed to the other article. If it proven that this final project was plagiarized from other source, then I'm ready to face the consequences.

Semarang, January 10, 2013



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FOREWORD

Thanks to everyone who helped me to finish this project, which titled : *Synonym Searching Using Stemming and Levenshtein Distance Algorithms.*

In this opportunity, I would especially thank to:

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Finally, I would like to apologize for any imperfection in this project. I hope this project can encourage other people to create a better one. I will accept any critics and suggestion to improve this project.

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ABSTRACT

Synonym Searching Using Stemming and Levensthein Distance Algorithms is a program that can find common words, program is very practical to use. The program is built with the collusion detection data structure hash tree, and using Stemming algorithm to obtain basic words and Levensthein distance as algorithms for suggestion words, if the search terms are not met.

Keywords: Hash function, Binary Tree, *Stemming and Levensthein Distance*

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