PROJECT REPORT
Practicing Nazief and Adriani Algorithm To Find Root Indonesian Word

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11.02.0063
2014/2015

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APPROVAL AND RATIFICATION PAGE

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Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, 15 July 2015

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11.02.0063
FOREWORD

Practicing Nazief and Adriani Algorithm To Find Root Indonesian Word is project title. In this opportunity, I would say thanks to for them, especially to my parents and my boy friend Oky Novianto on the support to me which I can not to say one by one. One of my wishes the most important is make my parents proud.
PREFACE

Sometimes the peoples don't know root form from a word, especially words that are rarely used. For example, the word “menyelinap” may a lot of people thought basically the word “inap” while the root form is “selinap”. Therefore, this project is made. The project report title “Practicing Nazief and Adriani Algorithm To Find Root Indonesian Word”. This project, made for search and find a root form Indonesian. The project will be easier for people to find and know the basic words of Indonesian words.

Chapter 1 describes the background, the limitations problems and objectives to be achieved in this project. Chapter 2, describes the literature study used in this project and explain data structures as well as the algorithms that will be used on this project. Chapter 3 will explain about the research methods to be used in the making of this project and the schedule plan for this project. Chapter 4 will explain in detail the program analysis and program design. This chapter also explain some of the methods that are important for this project.

Chapter 5, describes implementation of algorithms and testing for program. Explain implementation of algorithms only need several important pieces of code in the program. There also are pieces of programs and images required to explain in more detail in the chapter. Chapter 6 is the conclusion of the project and further research for this project. That is a little an overview of this report.
ABSTRACT

Many Indonesian people does not knowing root form from a word, especially for words that are rarely used. Therefore, this project was made root word search with stemming process. Stemming is a process to find root form of a word.

This project applying Nazief and Adriani Algorithms. This algorithm is an accurate algorithm for stemming Indonesian words. This algorithm will process a word from the user then will be processed to get root form from that word. This project written with java programming language.

**Keyword:** Nazief and Adriani Algorithms, Stemming Indonesian, Stemming Algorithm
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