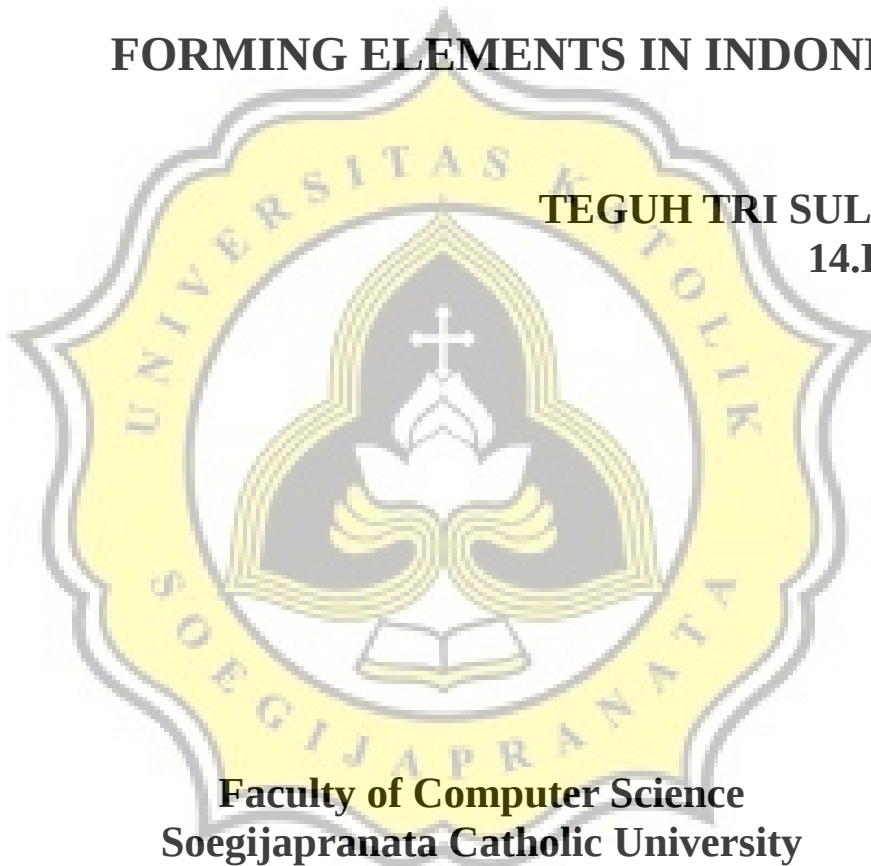


PROJECT REPORT
THE IMPLEMENTATION OF CYK
ALGORITHM TO SEPARATE SENTENCE-
FORMING ELEMENTS IN INDONESIAN

TEGUH TRI SULIANTO
14.K1.0014



Faculty of Computer Science
Soegijapranata Catholic University
2017

APPROVAL AND RATIFICATION PAGE

THE IMPLEMENTATION OF CYK ALGORITHM TO SEPARATE SENTENCE-FORMING ELEMENTS IN INDONESIAN

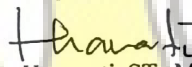
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This project report has been approved and ratified
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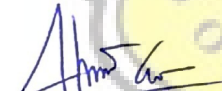
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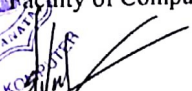

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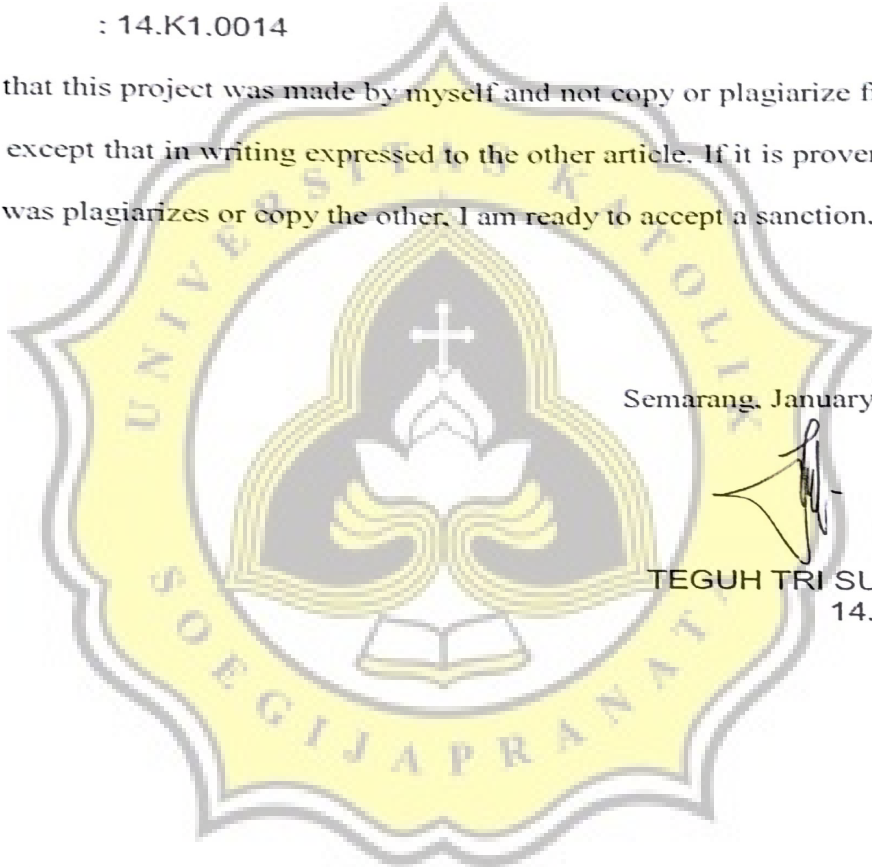
STATEMENT OF ORIGINALITY

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A handwritten signature in black ink, appearing to read 'Teguh Tri Sulianto', is written over the logo.

TEGUH TRI SULIANTO
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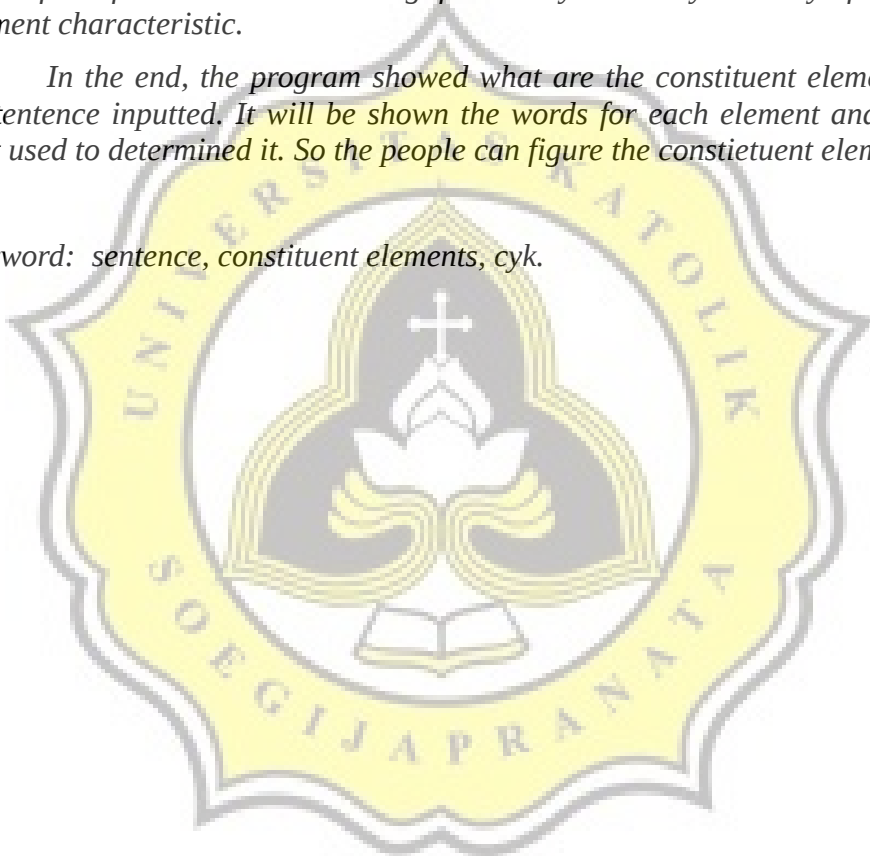
ABSTRACT

A sentence contains some constituent elements. Those elements has it own function. The four main elements are subject, predicate, object, and prepositional phrase. Sometimes, people confused while determining those elements.

The program made for helping people who confused determined what are the constituent element in a sentence. The sentence can be inputted and the program identified the sentence that inputted. It started by separating the sentence into words and put it inside the cyk matrix table. After that, the program indentified of each word to matching if there any similarity with any of constituent element characteristic.

In the end, the program showed what are the constituent elements of the sentence inputted. It will be shown the words for each element and the rules that used to determined it. So the people can figure the constietuent element.

Keyword: sentence, constituent elements, cyk.



PREFACE

This project has some several chapter. The first chapter is about the reason why took this project. The second chapter is telling the journal to support in the making of this project but also the difference between the journal of reference an this project. The third chapter is tell about the step to finish the project. The fourth chapter is use case diagram and flowchart to explaine more about the process. The fifth chapter is implementation of the project and show the result of testing of the program. The last chapter is showing the conclusion of this project.

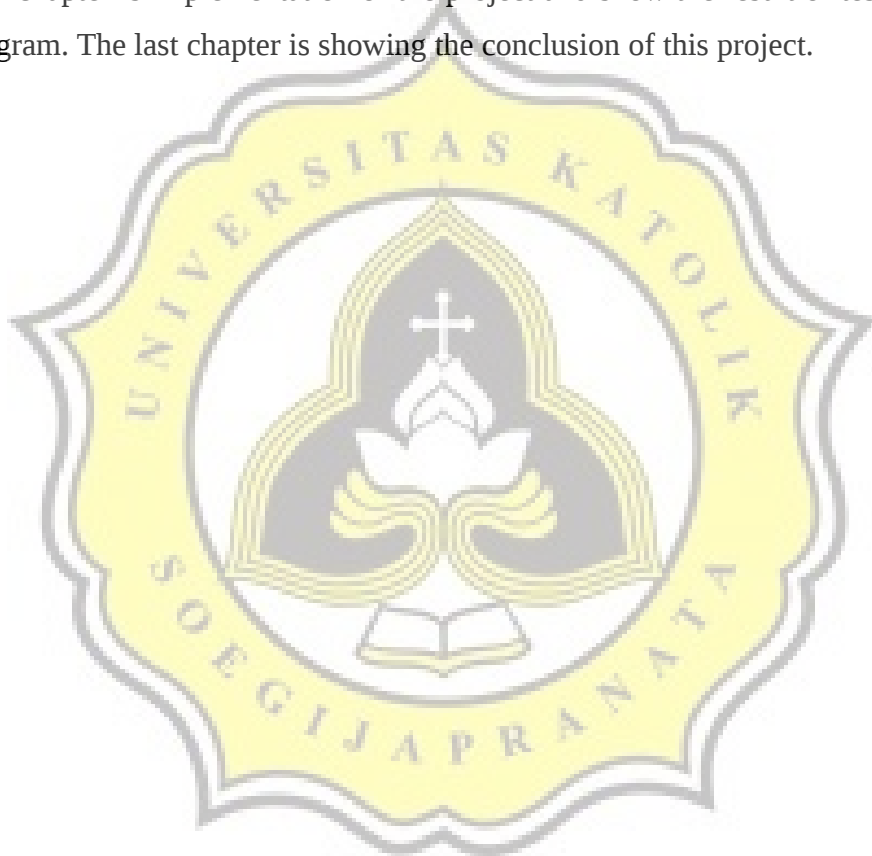


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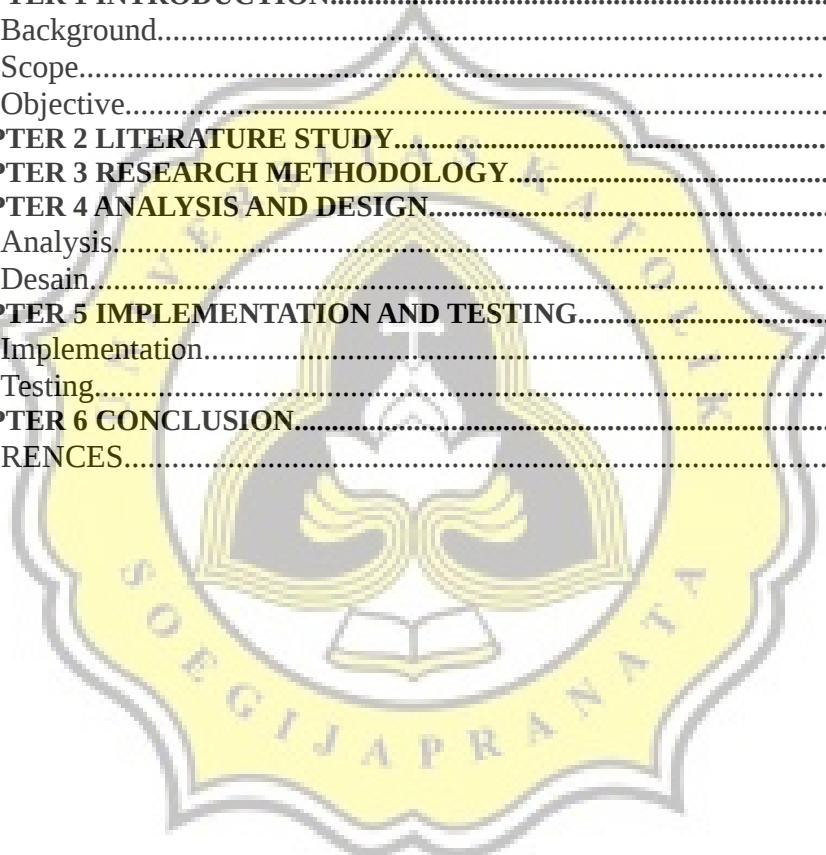


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