Development of an Application to Convert SFL Transitivity Annotation from UAM Corpus Tool to CQPweb Format

A THESIS

In Partial Fulfillment of the Requirements

for S-1 Degree Majoring American Studies in the English

Department, Faculty of Humanities Diponegoro University

Submitted by:

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PRONOUNCEMENT

I honestly state that this thesis is written by myself without taking any works from other researchers in any university, in diploma degree, S-1, S-2, and S-3 degrees. I also ascertain that I do not take any material from other works except from the references mentioned.

Semarang, 04 November 2022

Lukman Dwi Susanto

MOTTO AND DEDICATION

I wasn't strong enough before. But now, now I am strong enough for us all.

Sage, *Valorant's Agent*

This thesis is dedicated to

My beloved dad, mom,

and to everyone who helped me accomplish this paper

APPROVAL

Development Of an Application to Convert SFL Transitivity Annotation from UAM Corpus Tool to CQPweb Format
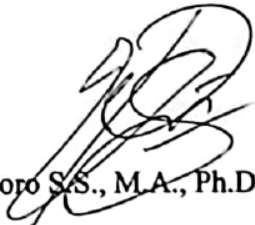
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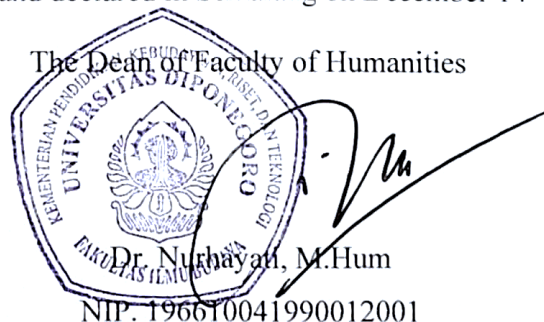Dr. Agus Subiyanto, M.A

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5. The writer's sweet and adorable cat Kira, who never fails to appear with her fluffy coat at any given time or on any given day.

6. Everyone who believes in the writer and wants them to succeed in writing this thesis.

Obviously, this thesis still requires improvement, since I recognize that it is far from ideal. Therefore, any recommendation or constructive idea would always be appreciated and embraced. Finally, I hope that those who wish to learn about SFL or any related topic will find this thesis useful.

Semarang, 04 November 2022

Lukman Dwi Susanto

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ABSTRACT

The primary objective of the research presented in this paper is to combine the advantages provided by two different corpus tools in order to achieve a more practical outcome in terms of assisting with corpus analysis. The author aims to develop a converter that can change the output from O'Donnell's (2012) UAM format to Hardie's (2012) CQPweb format. This allows users to retrieve and analyze corpus data online. Halliday (1994) transitivity system is the analytic scheme used in this study. Python programming language was utilized during the development of the converter. The author used 10 contemporary novels, each of which has a different author and was published in a different year. By using the converter, the author managed to automatically convert UAM format to CQPweb format, and able to explain how effective to combine two corpus tools.

Keywords: SFL, Transitivity, Corpus, Contemporary, UAM Corpus Tool, CQPweb