MATLAB –WEB CROWLING & TEXT MINING IMPLEMENTATION: MATLAB AS A WEB CROWLING AND TEXT MINING TOOLS FOR HORIZONTAL SOCIAL CONFLICT-WARNING INTELLIGENCE SYSTEM

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STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, nor material which to a substantial extent has been accepted for the award of any other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

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ABSTRACT

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This study aims to create an intelligence warning system, in particular the horizontal social conflicts that are free of bias and has added value in terms of speed. At this time, the intelligence warning system that already exists experiencing some shortage as a result that still bias and takes a long time in doing so. methodology that researchers have used in this study are as follows. In collecting the data, researchers used several tools such as literature studies, interviews and focus group discussion (FGD). For analysis, researchers have used several methods such as interactive models of Miles and Huberman analysis, fishbone analysis, decomposition, cultural analysis, time series analysis, anomaly analysis, re-composition, and synthesis. In In this study, researchers found that by using the checklist method, bias constraints that have been experienced by researchers in conducting warning intelligence system can be overcome. Besides using matlab applications, process time-consuming research is becoming increasingly shorter. So that the researcher can gain speed. This study uses five concepts, namely the concept of social conflicts, the concept of warning intelligence system, the concept of intelligence failure, checklist concept and the concept of Matlab. The conclusion reached by researchers for conducting this study was warning intelligence system has weaknesses in information gathering and analysis stage. However, this can be resolved with the checklist method so that the information gathered and analyzed has measurable criteria

and parameters. Besides that, The research process takes a long time can be solved using matlab application. This can be done because the qualitative determinant been quantified.

Keywords: Horizontal Social Conflict, Warning Intelligence System, Intelligence Failure Concept, Checklist Method, Matlab.

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DEDICATION

I dedicate this works particularly for the democratic values of Pancasila and to the dialectical process of Indonesian intelligence

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Yudha Fernando Silitonga

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I have found my coursework throughout the Curriculum and Instruction program to be stimulating and thoughtful, providing me with the tools with which to explore both past and present ideas and issues.

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