

## SIMPLE: sistem penilaian esei otomatis berbasis WEB dengan metoda Latent Semantic Analysis yang digunakan pada bahasa indonesia dengan penambahan kata bobot

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### Abstrak

*Grading is a process for decision making using information from evaluation of learning result whether using a test instrument or not[1]. Grading with essay is on option to evaluate level of knowledge of the students, but essay grading is not giving an objective view to each student. Essay grading by many of researcher is considered a good tools to evaluate result of a learning process and so, to evaluate level of intuition like synthesis and analysis. [2]. This research is intended to create an automatic essay grading which is called SIMPLE (SIsteM PeniLaian Esei otomatis) using Latent Semantic Analysis (LSA) as one of the method to extract and represent sentence using mathematical calculation or statistic from large amount of text [3]. Mathematical calculation is done by mapping with or without word from matrix group of word Furthermore, this research is done by implementing weight feature on web based automatic essay grading using Indonesian language. Testing is done by comparing result from system that using weight word and system that not using weight word Testing has succeeded with 82.56-96.42 percentage agreement with human raters for system using weight word.*