

## ***Abstract***

*One of unique web pages or blog's features is comment feature. Comment feature is web pages or blog's feature that can combine everyone's thoughts or opinions from themes, events, or products from companies. Now, many Web page or blog have had this comment feature, one of them is web page or blog that discuss about movie review. Web page or blog who discuss movie review is a place that combine everyone's opinions of films who be discussed so it to be references for visitor of that web page or blog who haven't watched. Because of that, it needs opinion classification (opinion mining) for that web page or blog movie review so it can classify everyone's opinion to be positive opinion or negative opinion.*

*That problem can be solved with combination of design Ontology based on Formal Concept Analysis (FCA) and Naïve Bayes classifier. In this final exam, writer will do an experiment to test the influence of characteristic data to accuracy of combination of design Ontology based on Formal Concept Analysis (FCA) and Naïve Bayes classifier on case of opinions that have less than or equal 25 words and case of opinions that have more than 25 words. Moreover, writer will compare accuracy of examination with Ontology and examination without Ontology. The experimental results show that characteristic data can increase or decrease accuracy of combination of design Ontology based on Formal Concept Analysis (FCA) and Naïve Bayes classifier. Moreover, the experimental results show that design Ontology based on Formal Concept Analysis (FCA) can increase accuracy of Naïve Bayes Classifier on opinion mining for Bahasa Indonesia Text, specifically for movie review.*

***Keywords*** : *opinion mining, movie review, Ontology, Formal Concept Analysis (FCA), Naïve Bayes Classifier*