Abstract

Motorbikes play an important role in people's lives, where motorbikes become one if the modes of transportation that is used in many community activities in Indonesia. Community activities in using motorbikes always increase from time to time. Motorcycle engine disruption can have an impact on community activities, especially on the economy of the community. Though disruption to the machine can occur at any time, and required preventive action. Therefore, we need an application that can overcome and prevent interference with the motorcycle engine. Classification of questions can be an alternative solution to overcome the problem on a motorcycle, with good questions, many things can be developed, both systems or mobile applications. Based on research, Text classification that use Naïve Bayes and SVM will produce good accuracy during stemming. Feature extraction is done by using N-gram and term frequency – inverse document frequency (TF-IDF). The results of the experiments are accuracy of 90% for Naïve bayes 91% for SVM, and the f-measure score of 90% for Naïve Bayes and 91% for SVM with unigram+bigram+trigram feature extraction.