

Abstract

Criticism and suggestions from the Indonesian people are very influential to improve the facilities and performance of the Indonesian government. One of the media to accommodate the suggestion is that Twitter by uploading community tweets can express their complaints. However, with tweets that number in the hundreds or even thousands it will be difficult for the government to find the conclusions from all tweet data. The tweet data taken as a reference is data that contains positive and negative responses from the people of Indonesia. Therefore, this study tries to analyze a tweet about community sentiment towards the planned move of the Indonesian capital. The analysis was carried out by classification of tweets containing public sentiments towards the planned move of the capital Indonesia. The classification method used in this study is the Artificial Neural Network (ANN) with a Multi Layer Perceptron model combined with extraction features to be able to detect negation and weighting using Delta TF-IDF. The test results on the application built show that accuracy gives a fairly good level of accuracy that is 67.75%.