ABSTRACT

Phenomenon that always happen in democracy party is a prediction from several independent survei in Indonesia. In take out the survey result, survey institution doing interview (direct, by phone), SMS or online polling to take opinion about the candidate. The survey do by direct interview, interview by phone, SMS, or polling online. But, this way wasting time and budget especially if sample target distribute all over Indonesian's area.

In this research have been made a system that processopinion from Twitter. Twiiter chosen because it become one of the biggest user in Indonesia, especially in Jakarta as research sample target. Besides, Twitter has a simplicity to take data. Any opinion in Twitter maybe express some mutual meaning. So, ontology used as classifier to analyze the topic of tweet in specific way according emotion parameter. Tweets that have class as ontology classification resutt will use in prediction calculation. The evaluation used divide two stage, evaluation for measure system exactness in classified tweet (F-Measure) and evaluation for measure system prediction (MAE)

From result ,perform that F-Measure value about 95,97 % in claasified candidate tweet and 92.47 % in classified tweet according emotion parameter. From classification result, perform that MAE value is about 0.38. This value lower than several survey institution and show that Twitter can be alternative way as useful resources to predict the winner of general election

Kata Kunci: *ontology, emotion, general election, twitter, mean abosulute error*