ABSTRAK

Komparasi Feature Selection TF-IDF dan Chi Square Pada Klasifikasi Berita *Online* Di Indonesia Dengan Metode Multinomial Naïve Bayes (Comparison of Features Selection TF-IDF and Chi Square in *Online* News Classification in Indonesia Using the Multinomial Naïve Bayes Method).

Ahira Labata

Study Program of Informatic Engineering

Majoring of Information Technology

Program Studi Teknik Informatika

Jurusan Teknologi Informasi

ABSTRACK

As a result of the increasing of the internet use, nowadays, for accessing news, many people move to online media such as websites or news applications which are always updated at any time and can be accessed anytime and anywhere. With so many news uploaded on the internet, it is necessary to organize news by classifying them based on the discussion in the news. This research is to compare the online news classification system in Indonesia with Feature Selection TF-IDF and Chi Square using the Multinomial Naïve Bayes Method. The result is that the TF-IDF produces more accurate results with an accuracy of 90%.

Keyword: *news classification, multinomial naïve bayes, tf-idf, chi square, text mining*