

## **Abstract**

Online news is one of the most sought-after information in the information age. Because the number of news that appears will be easier if the news has been classified. One of them related news about sports. Therefore in this final project will be designed a classification system that can grouping sports news articles using text mining and naïve bayes classifier (NBC) mode. Text mining is the application of data mining concepts and techniques to search for information in text. Naïve bayes classifier is a method of classification using the probability method. Naïve bayes classifier is selected because the data and its characteristics are most appropriate. On the classification of sports news will be made into 8 channels namely Football, Basketball, Tennis, Badminton, Moto GP, F1, Volleyball, Golf. In this study also proved that the sports news classification using the Naïve Bayes Classifier algorithm has very good performance with an accuracy of 99.82%

**Keywords:** *Text Mining, Naïve Bayes Classifier, Classification*