CHAPTER 6
CONCLUSION

6.1. Conclusion

On last chapter, there are some experiment to test Naive Bayes Algorithm's performance. In the first experiment, experiments were conducted to determine the relationship between the amount of training data with the length of classification process. The second experiment aims to determine the relationship between the quality of training data with the accuracy of the algorithm.

Based on some testing on last chapter can be conclude :

1. The more training data owned, the longer the time required to perform the process of classification
2. The more specific the topics of training data and the higher the similarity of topics between training data and performance test data Multi-nominal Naive Bayes will be better.

6.2. Further Research

This program only can receive some domain of news website. Program only have one feature selection (TF-IDF).

For further research, there are some suggestion to improve this program such as:

1. Add some domain website of news as training data source to make program have more knowledge
2. Try to use other feature selection to gain information of the news such as Mutual Information, Information Gain and Chi Square.