

ABSTRACT

The overwhelming growth from people that using Internet as communications media and spreading news and also from the growth of E-mail Server from the Internet, amount of Junk E-Mail progressively increases. As its result many E-mail reader had to waste many of their time to manually read his or her E-Mail. But Junk E-mail have other loss, Junk E-Mail which sent massively can easily fill out the storage media at E-Mail server, specially server that has many account.

On this final project, E-mail filter will be implemented using Naive Bayesian method. Domain Specific Feature has also included toward this method. So that this application not only concentrate on raw text but can also examine beyond the raw text.

The result from examination on this final project shows, that naive bayes as classification method can be used as e-mail spam filter. And the addition of domain specific feature that included to naïve bayes increases value from spam recall and legitimate precision. And addition of manually constructed phrase also heighten the value from spam recall and legitimate precision.

Keyword : *Junk E-mail, E-mail Filter, Naïve Bayes, Domain Specific Feature.*