

Abstract

Plagiarism is the act of acknowledging the work of other people personal work without the permission of the original owner of the work. The act of document plagiarism is prevalent in this digital era. In response to these problem, the purpose of this final project is to build a system that can be used to detect plagiarism between text documents that is Winnowing algorithm with Synonym Recognition.

Winnowing algorithm is one document fingerprinting method used to detect the similarity between text documents using hashing technique. Winnowing algorithm is chosen because it is one of the best algorithm to obtain the similarity value between the text of the document both in terms of accuracy or performance. In this final project, Winnowing algorithm will be combined with Synonym Recognition algorithms to deal with document paraphrasing committed by the perpetrators.

Keyword : *Plagiarisme, Winnowing algorithm, document fingerprinting, Similarity, Synonym Recognition, Stemming*