Abstract

Plagiarism is stealing a work of people. We are able to find this crime in college. The students mostly do copy paste and paraphrase the sources. Using his intuition, human is able to identify plagiarism in the documents. However the intuition of each identifier is different on each other. It can give difference identification result. Furthermore, the increasing number of documents to be identified also increases time of identification process.

This final project uses fuzzy system which is able to create an intuitive system that can work as human intuition to identify the documents whether they are plagiarism or not. An optimum fuzzy system can optimally identify the documents. We use genetic algorithm to create this optimum fuzzy system which gives high accuracy in identification process as human does.

As the result of experiment, the highest accuracy is 100%.

Keyword : plagiarism, identification, copy paste, paraphrase, fuzzy sistem, genetic algorithm.