# *ABSTRACT*

## *DOCUMENT SIMILARITY LEVEL MEASUREMENT SYSTEM*

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*Plagiarism is the act of plagiarizing the work of others and is considered as a form of crime for stealing the copyrights of others. The practice of plagiarism is so often done, especially in academic circles both at school and college. Plagiarism is the action may impact on the creativity of students and the students. Plagiarism technique is most often done by doing copy and paste a document. Simply by using a friend's copy paste job, school work or college can be resolved.*

*To address the practice of plagiarism proved persuasive manner to the students concerned that the act of plagiarism is not done already proved ineffective. Similarity level measurement application design document is the right solution that should be done so that these fraudulent acts could be prevented.*

*One approach is to make the application of algorithm Rabin-Karp algorithm. Algorithm Rabin Karp string search algorithm invented by Michael O. Rabin and Richard M.Karp, these algorithms perform a search string in the text by using a hash function This algorithm is very effective if used on multiple search pattern. This thesis will attempt to analyze the implementation of the Rabin-Karp algorithm in measuring the degree of similarity of documents.*

***Key words**: Plagiarism, String Matching, Rabin-Karp, Hash-Table, Hash-Function.*