

## **ABSTRACT**

*Plagiarism is misusing another person's thoughts, ideas, writings, or creations in such a way as stealing, taking, publishing, or declaring that other people's thoughts, ideas, writings, or creations are one's own. Plagiarism can happen anywhere, including in the academic world. One of them is when submitting the Final Project Title. The process of plagiarism in the preparation and up to the final examination of the Final Project by students, lecturers, and academics has never been carried out. So that if the thesis has the same name and content, students will not detect plagiarism. Therefore, this research was conducted to assist academic parties in preventing plagiarism by creating a Web-based Plagiarism Detection Information System using the Latent Semantic Analysis Algorithm and Rabin-Karp Rolling Hash. Latent Semantic Analysis uses an index and a word value where the calculation is based on how many words appear in each sentence and from the value in the word it can be calculated for cosine similarity which is a measure of plagiarism, while Rabin-Karp Rolling Hash uses the k-gram technique to determine the value hash on the word so that the percentage of plagiarism can be obtained from the same hash value and all vectors. The results of this system produce a Web-based Plagiarism Detection Information System and can be used to detect plagiarism of Student Final Project Titles.*

**Keywords:** *Plagiarism, Latent Semantic Analysis, Rabin-Karp Rolling Hash, Title*