



PROJECT REPORT
WEB SERVICE SECURITY SYSTEM ANALYSIS
WITH REST ARCHITECTURE USING THE AES
METHOD WITH JWT

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Raymond Cahyadi Saputra

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STATEMENT OF ORIGINALITY

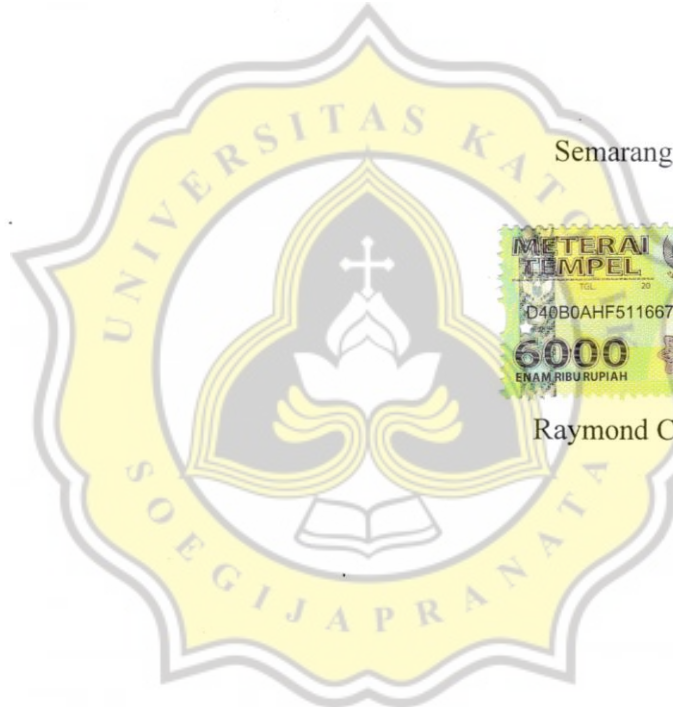
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ABSTRACT

Security on web services is a vital thing. Almost all applications created by using web services as a tool for communication between other application and for simplify the update process. This shows that the security problem of the service presented should not be vulnerable to its level of security. Therefore, the problem to be faced is about how to create and know that the web service is an efficient and not vulnerable.

Security does not escape the term called cryptography. Then cryptography is an important thing, especially in the data transfer section in an application. Cryptography that used is the AES method, and with the RESTFUL API architecture in the web service section. Also by using authentication token for account so that not just any account can access the API.

The final goal of this project is to analyze the performance of the service provided and also compare the results of the response time that comes out when using the encryption method between by not using it. And also provide conclusions about the security system design of the web services.

Keyword: AES, Encryption, Web Services, REST API, Cryptography, Security

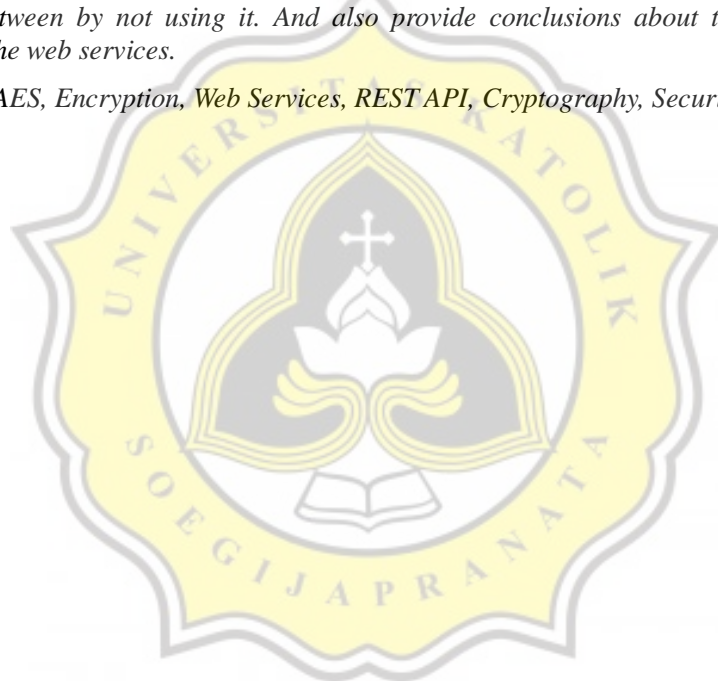
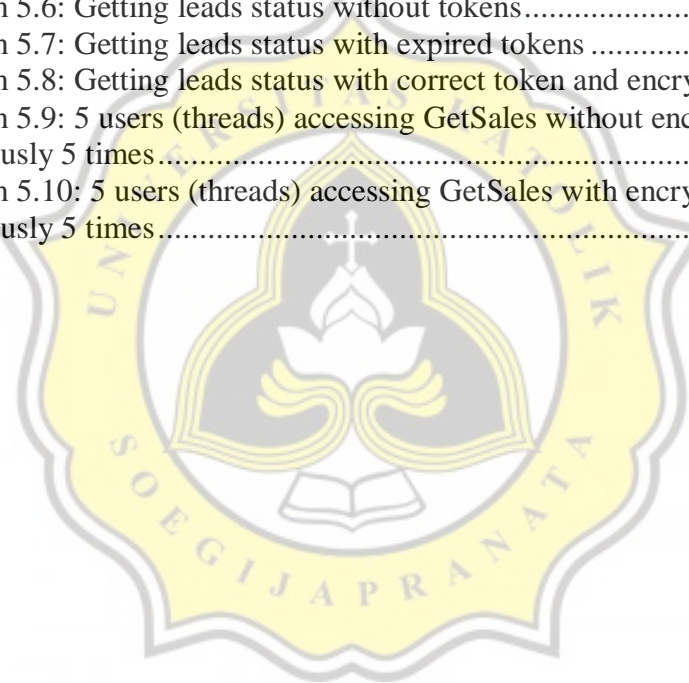


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