

***Website Performance Analysis of SMAN 1 Rogojampi Taruna Budaya Using JMeter with a Load Testing Approach***

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***ABSTRACT***

*School information system is a tool that can be used by the school for school service and quality and receive information more effectively. Especially on the website of SMAN 1 Rogojampi Taruna Budaya will later be examined to simulate by providing the condition of the number of users who are accessing the website at the same time.*

*Research looks at whether the website has been able to respond and serve many users in a fast time or not. With Load Testing, you can find out how the system's performance capacity is to the response.*

*Based on Load Testing research on the SMAN 1 Rogojampi Taruna Budaya Website can be able to accept user access loads simultaneously with an access duration of 1 second, can accommodate loads of up to 500 users. However, when accommodating a load of 1000 users, the test results showed that some users failed because the website could not accept 1000 users, this was due to the maximum limit of the ability of the SMAN 1 Rogojampi Taruna Budaya website.*

***Keywords:*** *Performance Testing, Load Testing, Website, JMeter.*