

Abstract

The Sirekas website was developed to facilitate the assistant recruitment process in a modern and efficient manner. To ensure system quality, comprehensive testing was conducted covering both performance and security aspects. Performance testing was carried out using the load testing method with the help of Apache JMeter, aimed at evaluating the system's stability under high workload conditions. Meanwhile, security testing was performed through a vulnerability assessment using OWASP ZAP to identify potential vulnerabilities, such as SQL Injection attacks. These tests are essential to ensure that the system operates according to specifications and is protected from cyber threats. The results of the testing serve as the basis for evaluating the website's performance and security, as well as an indicator of the system's success in supporting the recruitment process at Telkom University.

Keywords: *performance testing, security testing, load testing, vulnerability assesment*
