ABSTRACT

The growth of web-based applications from year to year has been experienced rapid development, and provides many benefits in various aspects, including the School of Industrial Engineering (FRI) which uses a website to manage Practical Work and Community Service (KPPM) activities. This website has never been done a vulnerability scanning before, while the risk of vulnerability on this website is quite large because this website must be accessed by external parties, namely field supervisor where students do practical work or community service. The method used in this vulnerability scanning is automated testing and the type used is web application scanning, with the help of Burp Suite and Intruder software. The results of this study found that the KPPM FRI website has a total of 12 vulnerabilities, namely 9 vulnerabilities found by Burp Suite with 3 vulnerabilities in the Low category and 4 vulnerabilities in the Information category, and 7 vulnerabilities found by Intruder, with 2 vulnerabilities in the category High, 3 vulnerabilities are in the Medium category and 2 vulnerabilities are in the Low category.

Keywords: *Vulnerability, Scanning, Confidential, Automated,* **Burp Suite, Intruder.**