ABSTRACT

The rapid development of information technology brings significant changes in human lives. The number of websites that appear also raises concerns about the quality of the software products. In order to maintain quality and detect errors or bugs early on, software testing should not be excluded from the product development process, one of which is the functional testing of the website interface developed. The study aims to analyze the functional compatibility of the Tekos website user interface with the specified requirements and conduct testing with the Keyword-Driven Testing approach for the development of the test case manually and automatically. The solution is supported by a case development technique with a blackbox testing method. 80% of the 35 functional needs of searchers and owners became test coverage. The result is 21 keywords used in the case development process. Of the 220 planned trials that were 100% successfully executed, six were found to have documented defects, and four of them were successfully fixed. So the 26 functionalities tested were assessed accordingly. However, leaving two functionalities found functional deficiencies, namely on kos and kontrakan editing features. Both features are unable to display previously created data, so users have to re-upload product photos.

Keywords: user interface testing, automated testing, blackbox testing, keyword-driven testing.