Abstract

Pijar Camp website is an online learning and certification platform organized by Telkom Indonesia with many partner companies. During the development of the Pijar Camp website, the quality assurance team found several bugs or errors that could potentially affect the functionality of the front-end components on the website. To increase efficiency and reduce the risk of potential human error in the testing process, testing is implemented with automation testing methods. There are various categories of testing, one of which is Black Box testing which can test websites without the need to see the program code in detail. In this study, front-end validation testing of the Pijar Camp website was carried out, using the Equivalence Partitioning method. The advantages of this method can generate detailed and comprehensive test cases in determining valid or invalid test cases. Furthermore, the generated test cases will be executed automatically using Katalon Studio. Based on the results of the execution with Katalon Studio, 85.71% of the test cases were passed or in accordance with the requirements criteria.

Keywords*: Black Box Testing, Incandescent Camp, Equivalence Partitioning, Automation Testing, Katalon Studio*