

Abstract

DKampus is a website-based platform under development to facilitate Telkom University students in ordering food and beverages from UMKM (Micro, Small, and Medium Enterprises) around the campus. This website needs to undergo functional testing to ensure all features and functions operate as expected, preventing bugs, system failures, and the inability to meet user needs. This research conducts functional testing on the DKampus website using the Equivalence Partitioning technique and the Katalon Studio automation tool. Testing focuses on main features such as login, address registration, chat, delivery, UMKM management, and adding UMKM products/menus, by dividing input data into valid and invalid partitions. 44 test cases were successfully executed without failure, indicating that the main features function as expected. The DKampus website achieves the expected quality level and is ready for use. This research ensures the reliability of the DKampus website and the effectiveness of the Equivalence Partitioning technique in functional testing.

Keywords: Functional Testing, Website, DKampus, Equivalence Partitioning, Katalon Studio, Main Features, Specifications.