

Abstract

Software development projects are prone to failure. This failure is due to the challenges faced. Finding and fixing bugs is time-consuming and costly, so it must be done effectively and efficiently. Using the Test Case Catalog makes testing easier because test cases can be reused. The experimental results of using the Test Case Catalog in application testing by PUTI Telkom University show that using the Test Case Catalog helps testing by increasing the number of test cases executed and the test variation value. However, this conclusion is premature because some values do not match due to human factors during testing. In future research, it is necessary to take advantage of the ontology approach to facilitate the use of the Test Case Catalog and add features such as filters so that testing is more effective and efficient.

Keywords: test case catalog, document review, test case reuse