

Abstract

Suitability requirements with the end product, is an essential element of the quality of the product itself as well as software products. Testing is one of the efforts in the fulfillment of these requirements. Many of the experimental testing of software products using methods vary according to the needs and environment of software development itself.

In this research effort to discover one of the methods of software development Acceptance Test Driven Development (ATDD) is relatively new in the world of information technology. Broadly speaking ATDD involves the testing process requirements with extreme programming cycles before the implementation of the program code. The process of acceptance test on a regular ATDD done manually, in this final project acceptance testing offers automation seen as a move to speed up execution times and increase the value of the effectiveness of the test case of the acceptance testing, although the effort is more than acceptance testing manually. Automated acceptance test found flaws in the execution of the test case, there is a test case that can not be tested using automated testing tools, but can be executed manually, therefore, try to combine acceptance test is automated and the manual with the aim that all test cases can be tested.

Keywords: *acceptance test driven development, requirements, acceptance test.*