Abstract

Software plays an important role in complex systems, especially for complex applications such as Video surveillance application, transportation, financial management, communication,
biomedical applications and so on. For these systems, tester needs to concentrate on performances such as efficient operation, fault tolerance, safety and security. The basic problem is the complexity of the task, which has to be performed on a software application. Unlike hardware, software cannot break or wear out, but can fail during its life cycle [1]. Software problems, essentially, have to be solved with quality assurance tools such as testing procedures, quality data reporting. In this context, the paper proposes a new approach to automate software testing process to cover maximum test plan time and also to increase software quality. In this paper a method explained to cover each module without missing any test scenario and guarantees software with high quality and decrease testing life cycle time by establishing automation life cycle to develop scripts.

Reference

- J.D. Musa, Introduction to software reliability engineering and testing, Proceedings of the 8th international Symposium on Software Reliability Engineering, 1997.
Index Terms

Computer Science
Software Engineering

Key words

PTZ: Pan Tilde Zoom
NTP: Network Time protocol
DNS: Domain Name System
DDNS: Dynamic DNS