

Qcon's Test Automation Solution

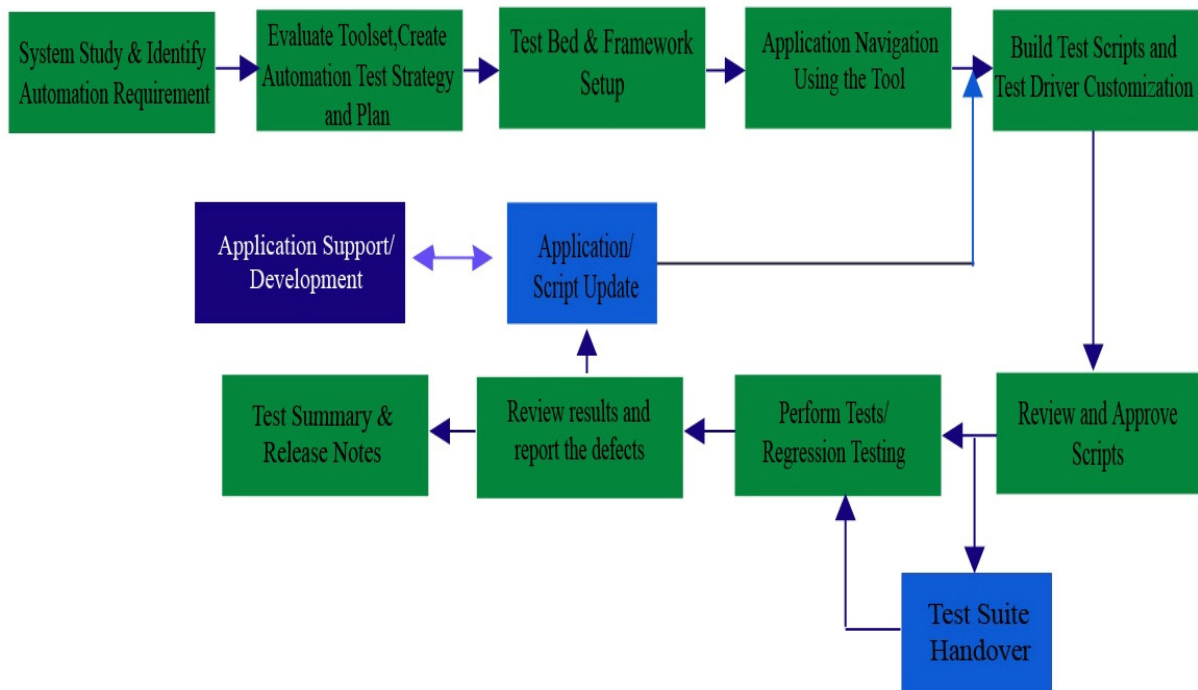
Services

Qcon has a special focus on Software Test Automation using industry standard and open source tools. It has developed a unique Test Automation Framework for use on all its testing projects. Qcon has successfully implemented several Test Automation assignments that have benefited the customer in terms of meeting deadlines, cost effective regression cycles, enhanced productivity, re-usability and maintainability.

Benefits

- Test Automation resulting in reduction of regression testing times.
- Efficient methodology resulting from Qcon's past experience.
- Higher return on investment
- Implementation within budget and time
- Open source solutions & test cost reduction
- Cost effective, ready to use framework
- Plug & Play services with test tools and technology

Qcon's Test Automation Model



System Study & Identify Automation Requirements: Qcon's Test Automation Expert will study your application or system to understand the development technology in order to assess the use of Test Automation Tool. The team will also identify the automation objective and analyze the application stability.

Tool Evaluation and Automation Test Strategy/Plan: Based on the above study Qcon's test team will select a suitable functional automation tool and create automation test strategy with feature Test coverage analysis & Regression strategy.

Test Bed and Framework setup: Qcon's Test team will set up the user access /production usage environments and test tool framework to develop the automated test scripts in order to capture the user activities.

Application Navigation: Identified business function will be recorded using the tool to check whether the tool recognizes all the application controls & objects.

Build Test Scripts and Test Drivers: Qcon's Test Automation team will generate or develop test scripts and/or test drivers based on the identified business scenarios and/or unit functions depending upon the need.

Review and Approve Test Scripts: Test Sets built will be presented to the client for review and approval. Test Scripts are reworked based on the review.

Test suite Handover: Approved Test Scripts along with test execution instructions will be handed over to the client in the form of Test Suite. The tests are executed as per regression strategy.

Perform Tests and Defect Reporting: Tests are performed using the Test Sets and defects are reported. Based on the impacted issues, either application or Test script is modified and retest is planned.

Test Summary and Release notes: Qcon's Test Automation team will generate automation test coverage and reports, once a successful regression of an application is achieved and stability analysis is done.

Regression Testing & Release: Number of regressions is conducted till a stable release is achieved.