

Some other challenges include diversity of device/platforms, hardware complexity, application complexity, development schedules, huge number of test cases, Handset specific features and increase in cost of QA cycles.

7 Conclusion

Automation technology is the future, and if used sensibly and efficiently, it can yield significant opportunities. There is a chance to relieve humans from monotonous, harmful, and unpleasant work and to provide a growing social and economic environment in which humans can enjoy an advanced standard of existing and a better way of life. Nothing is more significant than having right framework that will ensure test automation success. Use of a well-designed and reliable framework is very much necessary. The factors that contribute towards shortening the testing cycle time after time, during each regression makes even the most complex test automation extremely easy, promotes reuse of critical components, increasing productivity, make adopting changes easy and reduce maintenance efforts, support any test automation tool of your choice (both current and future). Software testing teams must carefully review all available frameworks before making a decision on any framework. The best automation framework should provide maximum coverage, recovery scenario with minimal manual intervention and easy reporting.

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