

SmartQE Automation Tool

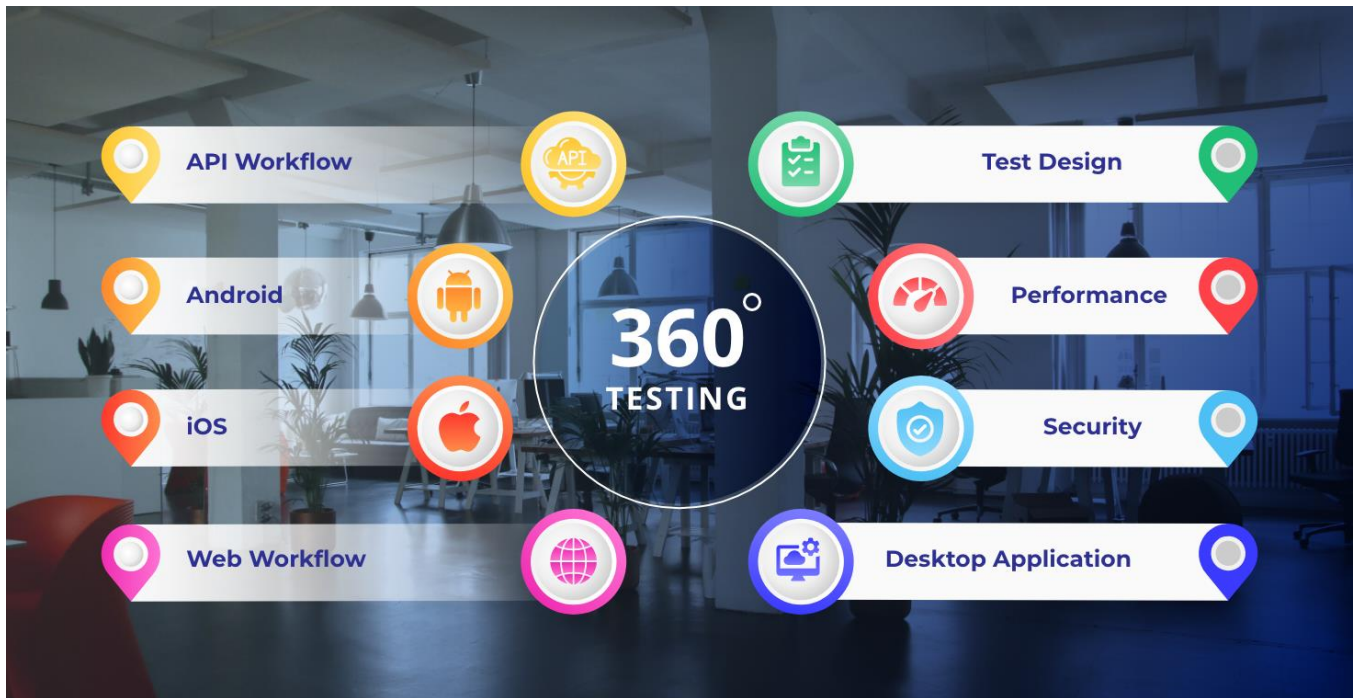
Go bug-free using SmartQE

About SmartQE:

SmartQE is a unique solution, designed on the principles of integration and automation for the web and mobile applications and this solution optimizes the quality engineering lifecycle through real actionable outcomes in time. SmartQE improves decision making and enable automation in functional testing for web, mobile applications and API also. It stores the test data for the future purpose. SmartQE takes care of QA life cycle and it provides a detailed report.

Here we have implemented SmartQE tool in our existing applications and have experienced extremely positive results. Below is implementation of one of such case studies:

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Implementation:

Technologies: ReactJS and My SQL (Web)

Implemented SmarQE for a web & mobile based software developed for a Business that provides the fastest, easiest, most effective and affordable way to create and manage own private controlled promotional e-Business platform. It enables users to create the digital cards for their business promotion through ads like posting images and videos by sharing the business policies of their company. Users can create different types of cards like personal, business, social, and share them via digital & social platforms.

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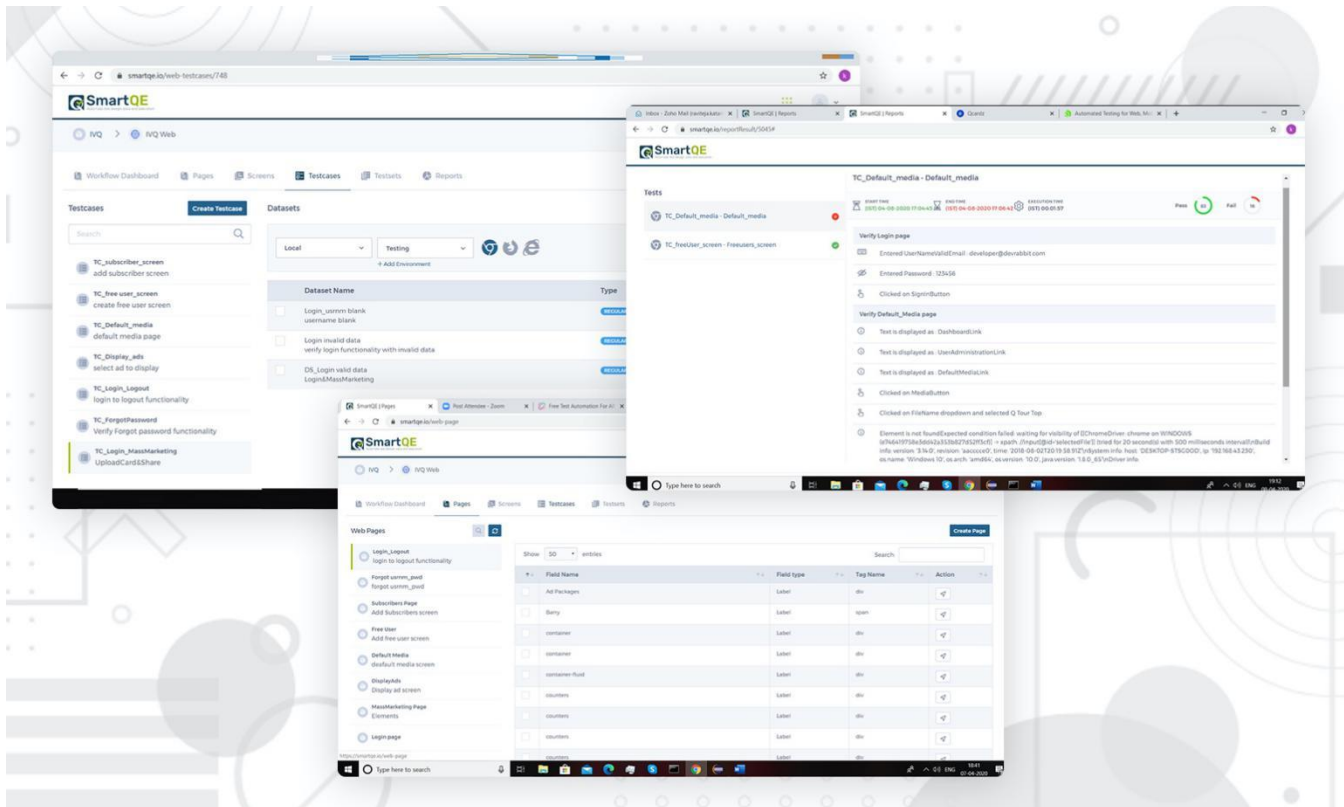
Challenges Faced:

It is difficult to implement the top priority testcases for testing the complete web app manually. Testing both mobile and web application every time before release, As they have to complete the methods within the specified deadline. It is necessary for the organization to be clearly defined the detailed programs to be tested. Therefore the accuracy and reliability of the test results are low. The cost of manual testing is dependent upon human resources deployed in testing. The time required for manual testing is more as human resources perform it. Performing manual load test was a challenging task when sharing the cards with multiple users using digital platforms.

Solution:

Now a days, automation has become a must go way to improve the quality of product. It is a real challenge to find an automation solution that is affordable, simple to set up, and comprehensive to meet a variety of automation needs and reduces the QA efforts and improves the efficiency of the product. So SmartQE is the solution for Web, API and mobile apps testing. It integrates all necessary components with built-in keywords and project templates into a complete automation framework. SmartQE has solved all the challenges exist in product automation and reduced time by more than half. It provides automation scripts which saves lot of time and effort in automation.

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Results:

Time lines taken by different methodologies for testing of 'User Subscription' module:

Duration for manual testing : 15 days.

Duration for using Automation testing : 10 days.

Duration for using SmartQE : 5 days.

SmartQE has an advantage of generating 80% of the automation scripts over Selenium. These scripts can be customized as per user requirements. It generates the reports for every test execution with

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minimal efforts and helped in all corners of test life cycle and identified hidden bugs too.

- SmartQE test results are shown in a detailed report page, spotting test pass/failure trends and identifying weak spots in applications being tested in effortless way. All these reports can be downloaded. Increases transparency on the status of the application under test by sharing these execution results.

- SmartQE ensures your application works in same way across all popular web browsers : Internet Explorer, Firefox, Chrome.

- SmartQE enables QA to perform QE job.

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