Case Study - Selenium
Automation
Selenium Webdriver

Automate a multi tire web application test cases with the help of Selenium web driver, Java and Test NG

Avyukta Solutions
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Objective

Our Client is based on UK, want Automate a multi tire web application test cases with the help of Selenium web driver, Java and Test NG.

Challenge

The requirements also included facilitating change management and control, speeding up the creation, updating of test scenarios/scripts as well as, bringing scalability to and reducing costs of maintenance of the test operations.

Solution Highlights

- We have built a framework from scratch and write scripts for test automation of client web application.
- It also generates html test report with Test NG.
- Generic solution to apply changes as per application change in next builds.
- We have used Framework development with the help of below technologies:
  - Selenium Web driver
  - Java
  - Test NG, ANT
  - Twist
  - Jenkins

Solution Benefits

- 60 % Total test cycle reduction after automation
- 55% overall cost reduction through the near shore model
- Increased reusability of testing cases
- Low maintenance costs of testing cases and processes
- Possibility of implementing test metrics to guide decision-making
- Introduction of benchmarks to increase software quality
- Cost Reduction of software tools
Approach

Avyukta Solutions had understanding of client’s specific requirements; the technical team acquired further details of his business model. We discussed all Testing and automation requirements in detail and then provide Selenium Webdriver Automation project scope. We estimated development efforts and timeline for the same and integrations. We divided the project into different development phases. Once the development started, we reported weekly updates and development progress for entire project. We made sure that we delivered the project on time.

Solution Screenshots

Contact information

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