

Test Automation Success using Licensed Tools

Client

Our client is a leading transportation, e-commerce and business solutions provider for more than 200 countries and territories.

Requirements

Our client was looking for an independent software testing services provider who could automate functional test cases of their Customer Care web application that was integrated with other CRM products.

Key Highlights:

Key Success:

Our test automation experience

Industry Vertical: Transportation**Domain:** Customer Support & Management**Duration:** 2 years**Team size:** 2**Technology:**

Developed using Java EE and integrated with Oracle products

Platforms: Windows and Unix**Automation Tools:**

HP UFT 11.5, ALM 12, SOAPUI

Our Challenges

- There were no manual test cases written for the application or the integrations.
- There were no requirement documents available for the current implementation.
- Convincing the client that UFT/ALM/SOAPUI was essential rather than an open source solution due to technical infeasibility was achieved through demos.

Our Approach:

- We documented the high-level test cases and user flows and sought sign off from the client.
- We studied large volumes of actual data to create automation test data.
- We developed hybrid automation framework.
- We wrote about 30 - 40 functions that could be reused for the entire automation project.
- We created smoke and regression test suites that utilize the same framework and functions.
- We suggested and delivered integration testing of web services using SOAPUI.

Return on Investment

- We completed the entire automation project with 2000 man-hours and saved at least 5 manual testers effort over the last 18 months.
- We build primary and dependent tests based on the underlying functionality so that when defects were fixed in the builds, we chose the required primary tests and dependent tests were picked by the test automation script. This enabled us in identifying new defects even without an impact analysis document.
- We taught the development team to use ALM to schedule automation tests as per their need.

Work with us!

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