CASE STUDY

Testing of the OfficeSite Product Suite as a part of the Development Process

Customer Profile

The client develops, manufactures, licenses, and supports a wide range of Internet based software products for the Real Estate Industry. The company's software products include scalable systems that can be deployed to provide Lead Generation, Lead Management, Prospecting, Communication, and Productivity tools. Their products are available nation-wide and works with over 160 local MLS's. Over 1300 offices that represent about 40,000 agents nationwide use their products.

Project Objective

Testing of the OfficeSite product suite as a part of the development process of rewriting the application.

The Need

Trigent had undertaken the re-development of the OfficeSite product from PHP to Java technology. The JAVA based application is very dynamic in nature and provides multiple options for creating/customizing Consumer and Web Assistant applications. The newly developed product suite needed to be validated for about 6000+ sites with about 8 different flavors (site types).

Solution Provided

Due to the large number of website and flavors to be tested it was proposed that the team identify and provide samples of Consumer & Web Assistant applications which would cover all the functionalities to be tested. The testing was limited to about 15 sites that included 6 major Site Types. The testing was done for base lining applications and the results obtained were validated.

The existing Legacy application was considered as a benchmark for validating the test results as there was no documentation available explaining the functionality or behavior of the application. Scenario based test checklist were prepared to capture all possible flows. QTP automation tool was used for Smoke Testing. To ensure proper coverage, Exploratory Testing was employed to uncover defects that could arise due to the gaps in the requirements and the Test Checklist document.

Overview

Brief Profile
A leading provider of internet based products for the Real Estate Industry

Objectives
Testing of the OfficeSite product suite

Technology Stack
- ✓ Junit JTestCase
- ✓ Emma
- ✓ Grinder, QTP

Benefits
- ✓ Time & money saved for validating the application for over 6,000+ sites
- ✓ Faster display of information based on complex criteria
- ✓ Performance improvements through rigorous testing

Client Benefits

Trigent leveraged its extensive capability of testing complex applications to ensure the OfficeSite application met the stringent requirements laid by the client.

Some of the benefits include

- ❑ Facilitated in testing and releasing the product in the market on time
- ❑ Successful transition of complex functionality
- ❑ Achieved performance improvements through rigorous testing
- ❑ Better code coverage