

Software Testing of a Content Management System

A Manual and Automation Testing Case Study

Executive summary:

The CMS being one of the most powerful content management systems on the market today, is now available as a cloud-based, SaaS CMS. Designed for maximum ease of use, the application Cloud offers all the sophisticated features prized by leading organizations and delivers them to you through the cloud. That means there's no hardware to install or product updates to download. It's seamlessly handled for you in an infrastructure-free environment. This liberates your organization from the burden of maintaining a Web infrastructure, and allows IT to focus more time supporting other strategic initiatives while enabling marketing to get on with theirs.



About our Client:

Client: CMS Solution provider | **Location:** MA, USA | **Industry:** Publishing, Print industry

Business situation:

The US firm set out to achieve its primary goal –testing of its internet/web based, workflow-driven content management software through which enterprises could easily perform web content management operations. Although multiple software service providers proposed solutions, Mindfire's excellent testing solution(s) and strategy stood out, fulfilling the core requirement of Manual Testing in a SaaS-based implementation, and providing a definitive roadmap to deliver various Bug Free product versions.

Solution details:

With the client's intent keeping in mind, Mindfire re-validated all the Wireframes and designed a set of business rules and added the change request in the architecture of the product which opened the gates to update the existing testcases to be more functional than the testcases which the client initially had. Mindfire's QA team regularly monitored the test cases to track the changes in the functionality of the application and then simultaneously changed it in the test cases as well. Test cases were put on VSS server so that any person involved in the project can easily check-out and check-in the updated testcase at any point of time. QA team also added all fixed issues as part of the test cases which enhanced the test script in uncovering more scenarios. Some important issues were also uncovered when the testers performed functionality/ bug regression/installation and compatibility testing.

Technologies:

Languages: Coldfusion, JAVA, Javascript, AJAX, XML.

Database: My SQL, MS SQL, Oracle.

Mechanisms: - Shared Database, Replication Database And Static Content Generation.

Automation: Test Library Automation Framework exposed by XML based interface.

Servers: Windows 2003, Linux, Solaris, Railo

→ Download the full version of 'Software Testing of Content Management System' case study with solutions overview & screenshots here.

→ Learn more about our Software testing services here.

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