

Second Foundation, Inc.

Representative Project Summaries



Web QA

Java eCRM Connector

Responsible for QA of a Java based interface between an eCRM application and a mainframe legacy system on Solaris 2.7 and Windows NT.

Prepared a Test Plan for integration of software with an eCRM application and various third party software components, including the legacy environment. Also prepared a regression test plan for the interface.

Performed GUI test automation using Silk Test to test the interface for end-to-end transactions. (Black Box tests)

Developed Java based tests to validate the information exchanged between the interface and eCRM application and between the interface and legacy mainframe. (White Box tests). Developed test drivers which made use of the hooks to run the application in Loopback mode, mainframe simulation mode, etc.

Virtual Shopping Mall

This was an N-tier client server application which ran on Solaris 2.x and Windows NT. Responsible for both functional and stress testing, made use of Silk Test and Silk Performer.

Performed analysis of the features supported by new release. Updated the test plan to reflect new and changed features / functionality. Updated test cases for functionality changes, also added new cases as required.

Updated GUI test scripts for new functionality, with various browser releases on multiple platforms. Developed and updated test scripts for testing the backend which interfaced to Oracle RDBMS using Java and shell scripts.

Java-based Workflow Engine

The workflow engine was used for automating web-centric, collaborative and administrative business processes on an ongoing basis.

Formulated a detailed test plan for the product APIs. Developed test software in Java for validating the APIs. This software allowed users to define test scenarios in a very intuitive and visual fashion, and then run them to test the application. Defined prepackaged scenarios to test the software.

SecF continues to add to this test package on an ongoing per release basis. The company is also responsible for creating new scenarios and running the tests regular on a per-release basis.

Web-based Software Server

This was a distribution, packaging and licensing server for a major public company. The assignment included triage assessment, formulation of test plans and test cases. Performed white box testing of the server backend by developing java applications which exchanged messages via sockets and did database operations via JDBC. Exercised the product APIs via EJBs. Performed front end GUI test automation using Silk.

Second Foundation

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