



800.955.4737

TIMS® LOGIN

MAKE A PAYMENT

SUBMIT A CLAIM



WE ARE DIFFERENCE MAKERS

Innovative insurance program specialists

Case Study: Functional
Testing for SES Insurance
Brokerage Services.

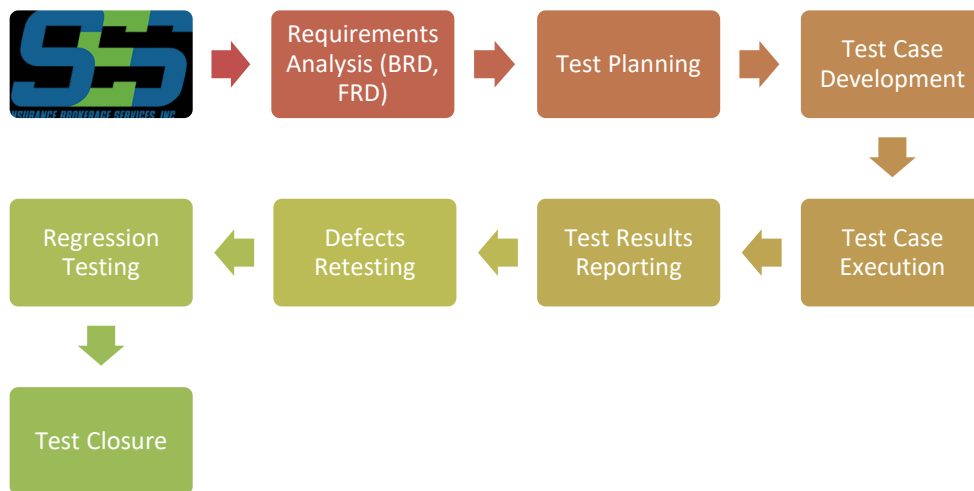
Summary of the Product

SES is listed as one of the largest insurance brokerage firm in the United States by ensuring the broker of choice for their customers. The company was looking to introduce newer products for their digitally savvy customers and brokers based on increased demand for the organization to establish independent testing functions to support their key system with its legacy application TIMS.

Servicing the insurance Industry directly (REI) as well as through Trust accounts. SES has a 27 year history offering comprehensive and competitive products complimented by unparalleled service and technology Platforms.

Technology: ASP.NET MVC3, Entity Framework, Microsoft TFS, Microsoft Dynamics, SQL Server, Jasper Engine, LAMP Stack.

Duration: 2+ years



Business

SES had differing processes with no documentation across the departments, leading to non-standardization across the firm. This resulted in difficulties while sharing business information and documents. However management's decision was to make existing processes more effective by mapping and documenting all the requirements to assist business as usual.

Technical challenges:

1. Testing team was not given DB access hence had to write queries which was executed onsite.
2. Extreme Agile process was followed as requirement changes were done till the very end.

3. Testing had to be done for Multiple Accounts for each scenario.
4. Minimal interaction with client during test design phase had to rely on requirements and query log for queries.
5. Testing team created all the data required for the feature testing
6. Test Coverage focused towards:
 - Functional Testing
 - Integration Testing
 - End to End Testing
 - Compatibility Testing

Test Phase

- Requirement Analysis
- Test Planning
- Designing Test cases
- Review Test Cases
- Test Case Execution
- Defect Reporting
- Regression Testing
- Test Cycle Closure

Progress and Coverage

- All the new feature test case execution and reporting.
- All the Defects raised and assigned to developer using the bug tracking tool JIRA
- Daily and Weekly QA status report summarizing the test execution summary, List of bugs raised and their status.
- Testing was performed using Internet Explorer in QA test Environment

Defect Reporting

Log Defects into JIRA.

Blocker bug will immediately report to the Developer team.

Defect assigned to the development team for fixing.

Project Challenges Faced

Requirement changes on a regular basis as per client needs even at the last day of testing.

Less time for Adhoc or even exploratory testing.

Highlights

Sole ownership of modules assigned for testing.

Reported many issues which were not identified earlier

Took part in Sprint calls and ensured task completed was reported on time for burn down chart

Accomplishments

- Introduced newer integration standards aided by technology adoption (legacy modernization, SOA / web services, etc.) to aid effective consolidation.
- End-to-end traceability from functional test scenario to test cases
- Implemented large new insurance core systems, where requirements changes from point to point in the application.
- Early identification of defects in the design stage and created testing modules. Constantly modified test cases as per requirement change.
- Executed test cases for Multiple Users as Features and Functionality differ from one user to another user.
- Improved cycle times with multiple and parallel processing leading to significant reduction in time to market.