

A Spot Exchange

The Customer

- The client is a national level Compulsory Delivery Commodity Spot Exchange launched by one of India's largest corporate houses.

The Business Challenges

- Business Users were unable to devote time to testing due to their daily work schedule.
- Business Users were not operations experts. A professional testing approach was needed to test the application before pushing it to the live environment.
- Timely release of the product with in depth testing
- Reusable test library for future reference
- Defect fixation time, affecting milestones in the project
- Application training and functional knowledge transfer to users

Our Solution

- We were expected to help in 'going live' with a defect free product within the project timelines
 - Performing UAT with professional testers and domain experts to achieve the acceptance criteria of the application with the desired quality
 - Assuring and co-operating with the client in order to adhere to the various milestones in the project
 - Release should pass through in one round of regression testing
 - Release coming from the development team should have minimum defects
 - Providing acceptance criteria to the software vendor's development team for their reference and analysis before moving the code to the UAT environment, thus cutting off the cycle time required after bug fixation
 - Few highlighting points of our integrated quality management solution included-
 - Implementation of an incremental model of STLC (Software Testing Life Cycle) for each release, build or patch.
 - Developed a three fold approach to test any fix. Performed a smoke test immediately on receipt of the fixes to remove environmental issues, if any.
- Subsequently deployed defect/bug fixes after impact testing to cover the fixes as well as the impacted area. Then conducted a minimum regression test suite to ensure that the fix has not disturbed the minimum functionalities needed for business operations.
- Highlighted the critical issues and gaps at the very early stages of the project thus minimizing the cost and time involved.
- In addition to the the following activities were also undertaken -
 - Setting up of a reusable test case library for the client's assurance and future reference
 - Assisted the client for analyzing and deciding on the changes that are required in the application or requirements definition.
 - Trained users and new recruits of the client on the functional workflows of the application.
 - Created a pre-recorded self learning module for users.
 - Performed the daily set up activities required for BOD and EOD of the Exchange in the test environment

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CASE STUDY

SOFTWARE TESTING

RISK & AUDIT SERVICES

INFORMATION SECURITY

Benefits Derived

- The implementation of the 'Acceptance Criteria Before Release' reduced the release cycle time.
- Contribution to the competitive advantage of a robust exchange platform
- Third party confirmation for the application quality
- Reusable test cases were provided for future reference
- Training Artifacts and Trained Users

Who are we?

AUDITime Quality Management Pvt. Ltd., is a software testing service provider, focused on capital market. We have tested all off-the-shelf as well as customized trading software used by members. We have 13 years of experience in testing software used for trading and risk management. We are ISO 9001 and ISO 27001 certified organization.

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