



Quality Assurance Automation



CASE STUDY

QUALITY ASSURANCE AUTOMATION

Overview

Our client, a big retail store that services hundreds of thousands of customers needs to manage their workforce efficiently to which effect they have implemented an in house workforce automation solution.

The solution integrates with their enterprise ERP system, enabling a streamlined management of resources when and where needed, much like any other organization.

Real Challenges

The scale of the operations called for a constantly delivering turn-key solution that had minimum downtime due to periodic maintenance activities, including testing and quality assurance. This called for automation of the activities. They needed:

1. An efficient and streamlined full life-cycle of QA Automation to consistently deliver superior enhancements for their users.
2. Implement QA Test automation framework and automate

Our Approach

Pegasus One developed a comprehensive solution comprising of the following key features:

1. A hybrid, Behavior Driven Framework was built to support agile scrum methodology with capabilities of automating both web based applications.
2. Provides comprehensive requirements traceability and metrics reporting on testing.
3. Easy to use for a manual tester with limited knowledge of automation.



Results



Time Savings

Reduced time for regression testing by 62%



Cost Savings

Overall cost savings of 39%



Higher Quality

Improved quality of monthly releases by 48%



A self-service solution capable of being manually tested with simplest solution helped the client see benefits in cost of implementation and time to implement.

The software delivered was of higher quality standards, as audited by independent sources. Pegasus One team followed best practices and established techniques to once again deliver a highly optimized solution within a higher than average ROI.



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