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CASE
STUDY

ADP

WorkMarket by ADP Witnesses Smoother Releases with Regression Testing by ThinkSys

TABLE OF
CONTENT

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WORKMARKET BY ADP

ADP is a global leader in providing cloud-based Human Capital Management (HCM) solutions comprising human resources, payroll, attendance, and taxation, among others. It was founded over seven decades ago as a manual payroll processing business, and ADP has evolved into an all-around HCM service provider, serving over 920K clients globally.

ADP has a subsidiary called WorkMarket, which offers a freelance management system. WorkMarket is a leading name as a freelance management system, allowing users to streamline their business processes. The platform embraces automation wherever possible to reduce time consumption.

01.

PROJECT OVERVIEW

WorkMarket had a regular Agile Sprint schedule for their new releases, either biweekly or monthly. Before partnering with ThinkSys, WorkMarket had to rely on its in-house team to complete its application's regression testing. Furthermore, inefficiency in testing often resulted in delayed releases or functional issues in the application.

However, the associates at WorkMarket needed someone to execute their test cases, and they chose ThinkSys' experts for faster and more comprehensive testing. Within their Sprint schedule, they regularly had to perform over four-hundred test cases on their application. The high number of tests combined with the desire for faster releases was the prime issue faced by WorkMarket by ADP.

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SOLUTION

WorkMarket partnered with the experts at ThinkSys for manual regression testing of their application. Initially, all the desired test cases were implemented by ThinkSys' experts. Commencing the work by evaluating the critical areas of the application, the team at ThinkSys developed a regimen of multiple tests on the application wherever required.

As WorkMarket only had biweekly or monthly Sprints, ThinkSys always remained prepared for ongoing testing of the applications and routinely found specific issues needing remediation. These issues were promptly notified to the WorkMarket development team for fixes before any code was sent to production.

Though the project started with manual testing, ThinkSys also contributed to automated regression testing for a short period for WorkMarket's automation project.

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WHY
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Performing regression testing requires ample available resources. As WorkMarket needed our services on-demand, arranging and managing the necessary resources was a challenge successfully faced by ThinkSys. WorkMarket could send test cases several times a week or may not have a requirement for weeks. Keeping resources idle was never an option, and neither was over-utilization. The ThinkSys team adapted to the challenge and efficiently utilized resources whenever WorkMarket called for it.

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TECHNOLOGY STACK UTILIZED

Using industry-leading tools has always been the psychology at ThinkSys. Our experts helped WorkMarket with regression testing with the following tools.

- TestRail
- Jira
- Selenium (Automated Regression testing)
- Cucumber (Automated Regression testing)

05.

OUTCOME

Before regression testing, WorkMarket's releases became tedious and required hotfixes or rollback. With ThinkSys' comprehensive manual regression testing, the time consumed in testing was drastically reduced while enhancing the application's stability. Our experts identified the issues in the application, allowing the WorkMarket team to fix them within the desired time. After partnering with ThinkSys for regression testing, WorkMarket by ADP witnessed the following outcomes.

- Regular execution of over 400 test cases
- Faster application releases
- Reduction in hotfixes and rollbacks
- Stability in application post-release

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✉ **info@thinksys.com**

🌐 **www.thinksys.com**

📍 **440 N Wolfe Road, Suite #22**
Sunnyvale, CA 94085