Client: A leading Australian tertiary education provider

Project: Learning Management System (LMS) performance testing

ABOUT US

Our services are purposefully designed to provide a cohesive experience for organisations embarking on digital transformation. Our business aptitude is your advisory, our technical skills are your project delivery and our training roots enables your team to build upon success

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BACKGROUND

A large Australian tertiary education provider uncovered some issues with their Learning Management System (LMS) that needed to be rectified for student use. The LMS is integral to the institution's operation, directly enriching students' educational journey.

CHALLENGE

The organisation needed to test their LMS system and eLive tool to ensure their operations would run smoothly but were facing considerable roadblocks. There were no suitable protocols in the existing load test tools, which meant that when it came to testing – the organisation did not know where to begin. Nor were these viable testing mechanisms able to be used on eLive.

The project was faced with a tight deadline and limited budget. KJR was able to tackle this challenge with flexibility, adapting the approach to satisfy project requirements and constraints to deliver a successful outcome.

SOLUTION

The organisations current load runner protocols had limited eLive's testing availability. To understand the cost-value of making changes to the systems capability KJR partnered with Micro Focus to conduct a Proof of Concept. Keeping in line with the budget we advised using the organisations established QTP testing licenses to generate load on the system, which allowed the test team to manually check the performance of the LMS and eLive software under expected user load/traffic. This was a quick and efficient solution that gave the organisation an idea of their system performance under certain pressures, locally and at a lower cost.

DELIVERABLES

- Test strategy and plan
- Project scope
- Project management
- Performance testing

KEY OUTCOMES

- Ran performance testing of the LMS software to ensure seamless functionality for students before semester start date.

- Uplifted the organisations testing availability by establishing capability within the current systems architecture.

- Kept project costs in line with budget by testing on local licenses in addition to an offshore cloud.

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