

Developing and Testing Next Generation Adaptive Learning Platform



THE CLIENT

The client is one of the largest education services company in the US.



BUSINESS NEED

The customer wanted ALLEN Calsoft Labs to design, develop and test adaptive learning platform through distributed agile development and testing that delivers rich and engaging learning content in line with students' learning needs backed by a data driven analytics framework to derive patterns/insights w.r.t. student's needs, capability and experience.



TECHNOLOGY USED

Tools: Qmetry, Rally, Mantis, Selenium



SOLUTION DELIVERED

- With our home grown automation test framework and Selenium, we reduced the test cycle by up to 40% resulting in a faster time-to-market (TTM).
- Reduced test script development by 40% using our reusable repository of test cases, scenarios and validation libraries
- Using our hybrid automation framework, we improved the test coverage by 60%
- UI, System, Performance, Compatibility, Integration and Stress Testing services
- Mobile Automation Testing to enable the classroom product access from iPad/iPhone and Android



BUSINESS BENEFITS

- Employed a hybrid, reusable automation framework that improved test coverage resulting in enhanced student engagement
- Low TCO due to modern, integrated and AWS based solution
- Shorten application development using proprietary solution accelerators & regression testing cycle due to hybrid automation framework

ABOUT ALLEN CALSOFT LABS

ALLEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALLEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALLEN Calsoft Labs is a part of ALLEN group, a leader in technology consulting and engineering services.

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