Large Scale Test Automation using Selenium for Higher Education Provider

**BUSINESS REQUIREMENTS**
- Create a comprehensive, maintainable, enterprise level Automation Suite for web based Learning Management System
- Improve product quality by automating all backlog/ regression test cases. Integrate with Jenkins for supporting CI
- Script Execution Support for IE, Firefox, Chrome & Independent data cleanup

**OUR SOLUTIONS**
- Use of Open Source Tool- Selenium
- Agile methodology with 4 weeks sprint
- SONAR implemented for code violations, adherence to standards

**TOOLS/ TECHNOLOGIES**
- Test link for test management, Selenium for UI test automation
- Jenkins for CI, Git/ Stash for code management
- SONAR for Code violations, Redmine for Task tracking

**BUSINESS IMPACT**
- 5000 test cases were validated and updated as per the recent version of the product
- Automation accelerated the time to market and caught bugs at a very early stage
- Test suite covering all regression scenarios. Additional cases can be easily added to the suite

**ARCHITECTURE/ INTERFACE DIAGRAM**

About Us
Happiest Minds has a sharp focus on enabling Digital Transformation for customers by delivering a Smart, Secure and Connected experience through disruptive technologies: mobility, big data analytics, security, cloud computing, social computing, M2M/Internet, unified communications, etc. Enterprises are embracing these technologies to implement Omni-channel strategies, manage structured & unstructured data and make real time decisions based on actionable insights, while ensuring security for data and infrastructure. Happiest Minds also offers high degree of skills, IPs and domain expertise across a set of focused areas that include IT Services, Product Engineering Services, Infrastructure Management, Security, Testing and Consulting.

Headquartered in Bangalore, India, Happiest Minds has operations in the US, UK, Singapore and Australia. It secured a $52.5 million Series-A funding led by Canaan Partners, Intel Capital and Ashok Soota.

For more information visit www.happiestminds.com, Write to us at business@happiestminds.com