

## Large Scale Test Automation using Selenium for Higher Education Provider





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





Use of Open Source Tool- Selenium



Agile methodology with 4 weeks sprint



SONAR implemented for code violations, adherence to standards





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





5000 test cases were validated and updated as per the recent version of the product

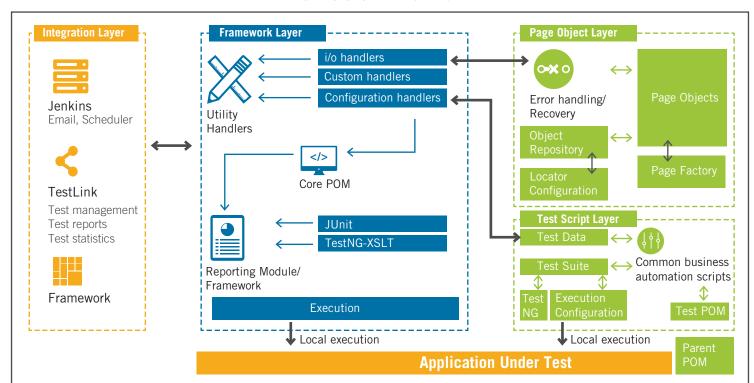


Automation accelerated the time to market and caught bugs at a very early stage



Test suite covering all regression scenarios. Additional cases can be easily added to the suite

## ARCHITECTURE/ INTERFACE DIAGRAM





About Happiest Minds Technologies

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, Al & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

To know more about our offerings. Please write to us at business@happiestminds.com