

## **FUNCTIONAL TESTING OF AN EDUCATIONAL WEB APPLICATION**

### **Client**

Our Client is an Canada based company providing platform to various institutes, tutors to provide online tutorials and conducting online mock tests for the candidates, providing analysis reports etc.

### **Challenge**

The client wanted to test overall efficiency of the web based platform for the various platforms, devices and languages. And to add complexity was the regular addition to the functionalities to the system and make available for the use to thousands of users. Their requirement was to have a system tested to adaptable to a variety of desktop, mobile and tablet interfaces as well with better performance.

### **Our Solution**

- As the client associated with our team for the project we allotted a dedicated team to provide the solution.
- The team built a suite of test cases for all the modules as per the business scenarios.
- The team establish a baseline for the core functionalities of the system for regression testing.
- Along with this functional testing team built test cases for the new functionalities to be added.
- Our team established a dedicated test environment for system's compatibility testing with different devices and platforms.
- Used Selenium tools to automate the regression test cycle.
- Perform load and performance testing before release with enhanced functionalities.
- Reduced the testing time after each development to the complex system with tools usage.

### **Results**

- The client has been a close partner with us since the initiation of their project.
- We helped client achieved significant advancement in testing process.
- Resulted in faster time to market.