



Case Study: [Cactus] Web Automation Testing

Background

Cactus communication is Mumbai based leading Editorial and Translation service. Its provide Language Editing, Publication Support, Language Translation and Book Editing service as its core services. They are global medical communications agency with a very unique business model. They act as trusted advisors by constantly and consistently delivering excellence that goes way beyond just our technical expertise.

Business Objective

Cactus communication has core focus on Editorial Services. As part of this they focused on Language Editing which include more than 8 Language which consist the Japanese, Mandarin, English, Korean, Mexican etc.

They developed product for Editorial named “Editage Insight”. Which includes Front End in E-commerce Domain and Back office to manage all data and relevant editorials.

Cactus Web Automation Testing

Challenges

- ❑ Client was looking for core Automated Test Engineer who can developed and manage the Automation Framework(Selenium) with Continuous Integration.
- ❑ Key challenge to Automated flows that perform activity on Front End & need to verify in Back Office.
- ❑ Handle the localization, In Web app Front End is dynamic and change contains & Language according to region e.g Japan, Korea, China etc.

KiwiQA Approach

- ❑ We customise our Existing Selenium Test Automation Framework in such a way that it could run script with Jenkins as CI with that development cycle.
- ❑ We define and utilise selenium web driver concepts in such a way that we can able to handle more than one sessions at a time and manage the both front end and back office assertion synchronisation.
- ❑ We define common test library and make parameterisation in such a way that if we set data in to excel sheet as “Japanese “ then whole test run in “Japanese ” .

Value Delivered

- ❑ We build solid and robust Test automation framework that works with front end and back end at an time.
- ❑ We automated more than 200 Test scenarios and that would be run in all language.
- ❑ To reduce the time and make script more effective, we utilised the Selenium Grid concepts and run script in more than 4 node at a time.

Solution Background & Engagement Details- The Outcome

- By using the automation script they reduce their manual efforts by at least 80% .
- Client is Extremely impressed by our Automation Team and also partnered with us to utilize our Manual QA Services.