



Gambling BDD Automation Testing

Client Success Story

Summary

iGaming Client is a leading European gaming-based entertainment company, where it operates digital casinos and bingo platforms. Our engagement objective was to automate the test cases designed for Functional and Regression Testing of Digital channels and design an automation framework for desktop and mobile platforms.

Challenge

- Involves testing of Client projects and programs by considering integration with Client and relevant third parties
- Automation framework for digital gaming sites, apps (iOS/Android), digital gaming platform
- Performing regression tests across various browsers, platforms or device combinations
- Result analysis/evaluation in case of Environment downtime affecting Overnight execution
- Automation Execution and Test Script preparation alongside on-going Releases (Portal/Admin)

Solution

- Automation team has designed generic Automation Framework using JAVA, Selenium, Appium which can be used for Web automation, Mobile automation (Web/Apps) using BDD
- Automation of functioning of the apps with the variety of Apple and Android OS combinations
- Automated test scripts are updated consistently as they are part of the sprint deliverables
- Created automation pack for validation of user journeys on daily-basis
- Created multiple utilities to create test-data against Digital channels
- Overnight automation execution to save the time for addressing test scripting during the day

Outcome

- Automation Framework designed using open-source tools, with no cost to obtain the required components to set up framework
- 'Page Object Model' design enhanced test maintenance and reduced code duplication that increased execution speed
- Framework can be customized per project need which reduces framework design development time by approx. 60-70% for new projects
- Automation reporting improved using TestNG/ Cucumber reporting types and parallel execution achieved by using TestNG tool
- Framework easily integrated with Version control tools (SVN/GitHub), CI/CD tools (Jenkins)
- Framework portable enough to be used with various operating system

Contact Trissential for further information and to discuss your Quality Testing journey



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