

Case Study

Test Automation (Cloud)



BUSINESS REQUIREMENTS

The client, a leading provider of hardware and software products/services to consumers (SMBs and Large Enterprises), wanted to improve the printing experience in their website that allows users to purchase greeting cum gift card.

For that, they wanted to test the website's printing feature on a variety of environments through a web application. But, testing the website on a variety of environments including all supported browsers and OS with a number of (more than 50+) supporting printers was really a big challenge. Hence, client required a support to overcome this challenge.



OUR SOLUTIONS

AFL has provided a complete solution for the client's requirement by implementing Test Automation in Cloud. Selenium - an open source tool has been utilized via TestingBot (a cloud service provider). This enabled easy cross-browser and parallel-running of tests in different environments with the support of Selenium Grid. Testingbot helps to access cloud and to run the automated tests by providing a 'Client Key' and 'Client Secret' credentials with 100 minutes free trial.

Industry	Internet users
End-users	200,000+users
Team size	10 people
Duration	12 months

The test scripts can be executed in two ways using TestingBot. They are:

- Record the script using Selenium IDE and upload it in cloud by saving it as html.
- Export the recorded script into C# and connect the cloud using service hub.

In both the cases, members can view live tests, and also videos can be recorded for future reference.

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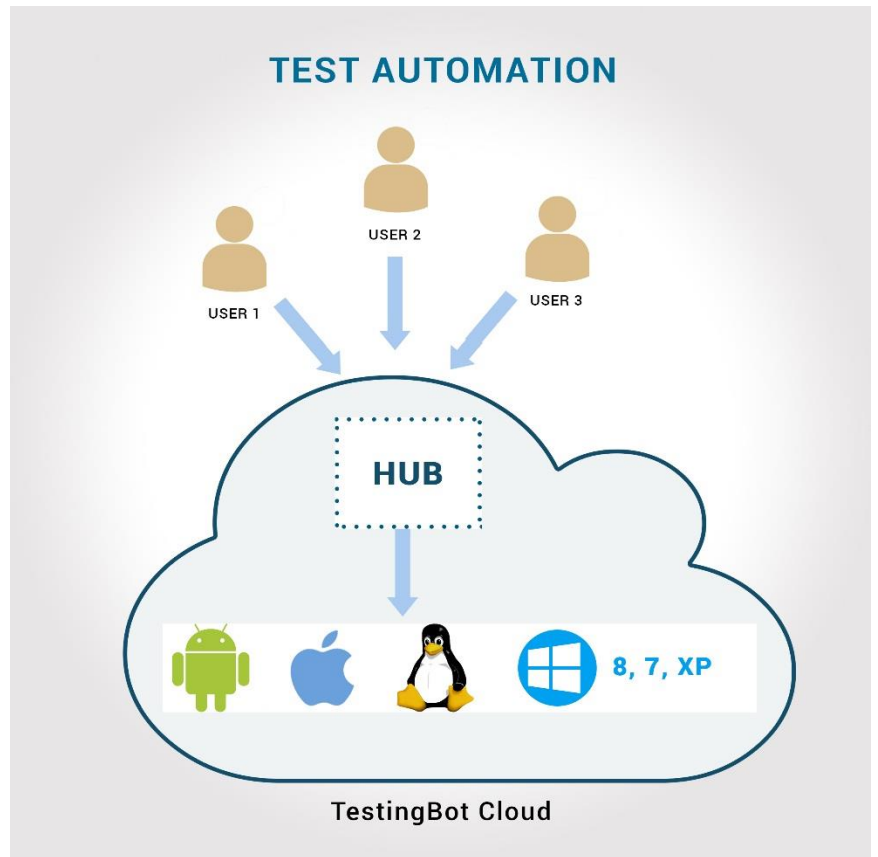
ARCHITECTURE



TOOLS &
TECHNOLOGIES



BENEFITS



Selenium Web driver, C#, Testingbot.

- ✓ Ease of access to the website in different environments (Browsers and OS).
- ✓ Improved end-user satisfaction thru enhanced printing experience.