



TestingWhiz

Code Less, Test More

40% TEST AUTOMATION ACHIEVED ACROSS TOTAL TEST SCENARIOS

Using TestingWhiz at a State
Government Executive Office

COUNTRY
UNITED STATES

DOMAIN
GOVERNMENT ADMINISTRATION

TESTINGWHIZ

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www.testing-whiz.com



CLIENT PROFILE

The secretary of state, state executive office helps the state achieve the American dream whether it's running for office, registering a business, voting in elections or becoming a public notary. The office is responsible for discharging several crucial programs including:

- Oversight of elections in the state, voter registrations, campaign finance
- Registration of businesses, trade names, and trademarks
- Regulation of notaries public, charitable organizations, and bingo/raffle licenses
- Publication of administrative rules and guidance for rulemaking in state agencies
- Oversight for use of the State Seal

BUSINESS CHALLENGES

The office had been deploying a variety of manual test case scenarios. In addition, they used multiple tools for testing different APIs, databases, applications etc. Moreover, these different tools were not integrated making it difficult to centralize the data and arrive at actionable insights.

Most importantly, it took excessive time to achieve the regression testing cycle within the stipulated deadlines. It also led to inaccuracies and loss of productive hours leading to unnecessary time lags and delays in the overall software development lifecycle.

The users were largely non-technical and often found it difficult to navigate through and carry out the technical regression testing process using their current tools and framework.

THE CLIENT NEEDED ORGANIZATION-WIDE IMPLEMENTATION OF A SOLUTION:

- Non-technical tester-friendly test automation framework
- Shorter Regression Suite Cycles for faster 'New Product Release'
- A Codeless Test Automation tool
- Easy-to-implement with less or no coding knowledge at all
- Seamless integrations with their existing tools including
 - Bug management
 - Test Management
 - CI/CD tools

They were on the lookout for an easy-to-implement one-stop-solution to cater to their Automation Testing needs for their inhouse Web apps, APIs and Databases.



CYGNET'S SOLUTION

After thorough interpretation of the client's requirements and challenges, team Cygnet undertook extensive discovery. In order to match their automation testing requirements, TestingWhiz, the codeless automation tool was implemented.

The office staff was extensively trained to extract maximum benefits of the enormous potential of this tool so they could meet their test automation expectations.

THE TOOL COULD EASILY ASSIST THE CLIENT'S TEAM IN SEAMLESSLY CARRYING OUT:

**WEB
APPLICATION
TESTS**

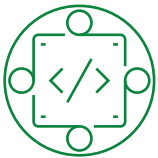
API TESTING

DB TESTING

**CROSS BROWSER
TESTING**

DATA DRIVEN TESTING

MOREOVER, TESTINGWHIZ OFFERED THE CLIENT:



**Inbuilt 300+
test automation
commands to
prepare the test
scenarios**



**Integration with
CI/CD tool - Jenkins**



**Cross Browser
Execution**



**Record and Playback
feature**



**Test Data generator to
perform Data driven testing**

DEVELOPMENT APPROACH

Testing Requirement
Understanding



Understanding the current
challenges (With current
framework)



Demonstrating the
capabilities of the tool



Assist the client by
executing a POC



Assist during evaluation
period



Support during
Implementation of the tool
in client's infrastructure



Onsite training
assistance



24/7 Post
Implementation Support



BENEFITS TO THE CLIENT



40% automation of total normal and complex test scenarios



30% Reduction in the overall regression testing cycle



200 Test Cases within 5 months successfully automated



Increased focus on building and monitoring **CI/CD** pipelines



Superior quality outcomes in **reduced time**



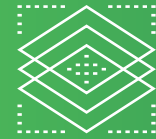
Reduced efforts for the overall application development lifecycle



Increased ROI on the overall software development exercise



Smooth execution of test cases even if the tester is out of the office



TECHNOLOGY STACK

TECHNOLOGY

Java, Angular JS

FRAMEWORK

Reusable Keyword Driven Command-based Framework

BROWSER COMPATIBILITY

Google Chrome, Mozilla Firefox, IE, Edge, Can support Headless Execution

CLOUD EXECUTION PLATFORMS

BrowserStack, SauceLabs

OPERATING SYSTEM

Windows





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ABOUT TESTINGWHIZ

TestingWhiz, a product of Cygnet Infotech, uses Cygnet's proprietary technology combined with Selenium to bring the codeless approach to App Testing. It offers 360-degrees automation with a full circle support on Web, Mobile, Database, Web Services, Big Data Testing and Cloud Applications. It accurately performs End-to-End tests like Functional, Regression, Web UI, Database, Cross Browser, Big Data and more.

It is an easy and intuitive test automation solution based on robust Flexible Automation Scripting Technology (FAST®) that uses intelligent and reusable recording techniques like Keyword Driven Testing, Data Driven Testing, Object Based Inputs and Java Scripting to design and execute test cases for technical and non-technical users alike.

CONTACT US

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10000+

Enterprise
Downloads



20+ Countries
with happy
Customers



150+ Trainings
Conducted
Successfully



1500+

Demos Conducted

RECOGNIZED BY

Gartner

**BETTER
SOFTWARE**
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