



TestingWhiz

Code Less, Test More

# 50% REDUCTION IN MANUAL REGRESSION TESTING USING TESTINGWHIZ

For a Judicial Administrative Office

COUNTRY  
**USA**

DOMAIN  
**JUDICIARY**

**TESTINGWHIZ**

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[www.testing-whiz.com](http://www.testing-whiz.com)

## CLIENT PROFILE

The client is one of the apex courts in the United States. The State Supreme Court is the state's court of last resort. The justices may accept a variety of civil and criminal cases' appeals from lower state courts. This court interprets laws of the state and constitution of the United States. It may assume jurisdiction over undecided cases in the court of Civil/Criminal appeals when there is a special need for an expedited decision.

The Administrative Office of the Courts (AOC) manages several state-wide court services and programs. These programs affect many aspects of the court system from those who offer assistance in the courtroom, such as court reporters and interpreters; to those who wish to become a mediator to those who wish to provide legal services to an indigent defendant or an abused or neglected child.

## BUSINESS CHALLENGES

The Administrative Office of the Courts manually created all their test scripts. They had a large set of repetitive regression tests which were manually tested. This process was cumbersome and led to several inaccuracies, lower ROI and delays.

They put in extensive efforts and time into performing repetitive tests with the support of HP Quality Center and ZEPHYR.

After careful consideration, the AOC understood the need for a test automation tool that could help them automate their current regression testing suites. They identified TestingWhiz as an ideal fit for testing end-to-end systems due to its deep integration, codeless test automation capabilities and scheduling features.



# CYGNET'S SOLUTION

After extensive discovery, Cygnet provided them TestingWhiz as a solution which solved their problems by leveraging the following features:

In-built scheduler for assigning jobs to TestingWhiz even in the Tester's absence with automated execution of the tasks based on the pre-set time with sending automated execution report to the stakeholder

The ease of creating test scripts

Out-of-the-box support for integration with HP QC

Seamless Integration with ZEPHYR

## THE TOOL EASILY EXECUTED:



WEB TESTING



CROSS BROWSER TESTING



DATA DRIVEN TESTING

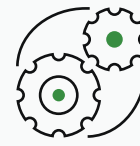


REGRESSION TESTING

TestingWhiz made the whole process more efficient and cost effective with these functions:



In-built recorder for record and playback functionality



Seamless automation of Regression Test Suites



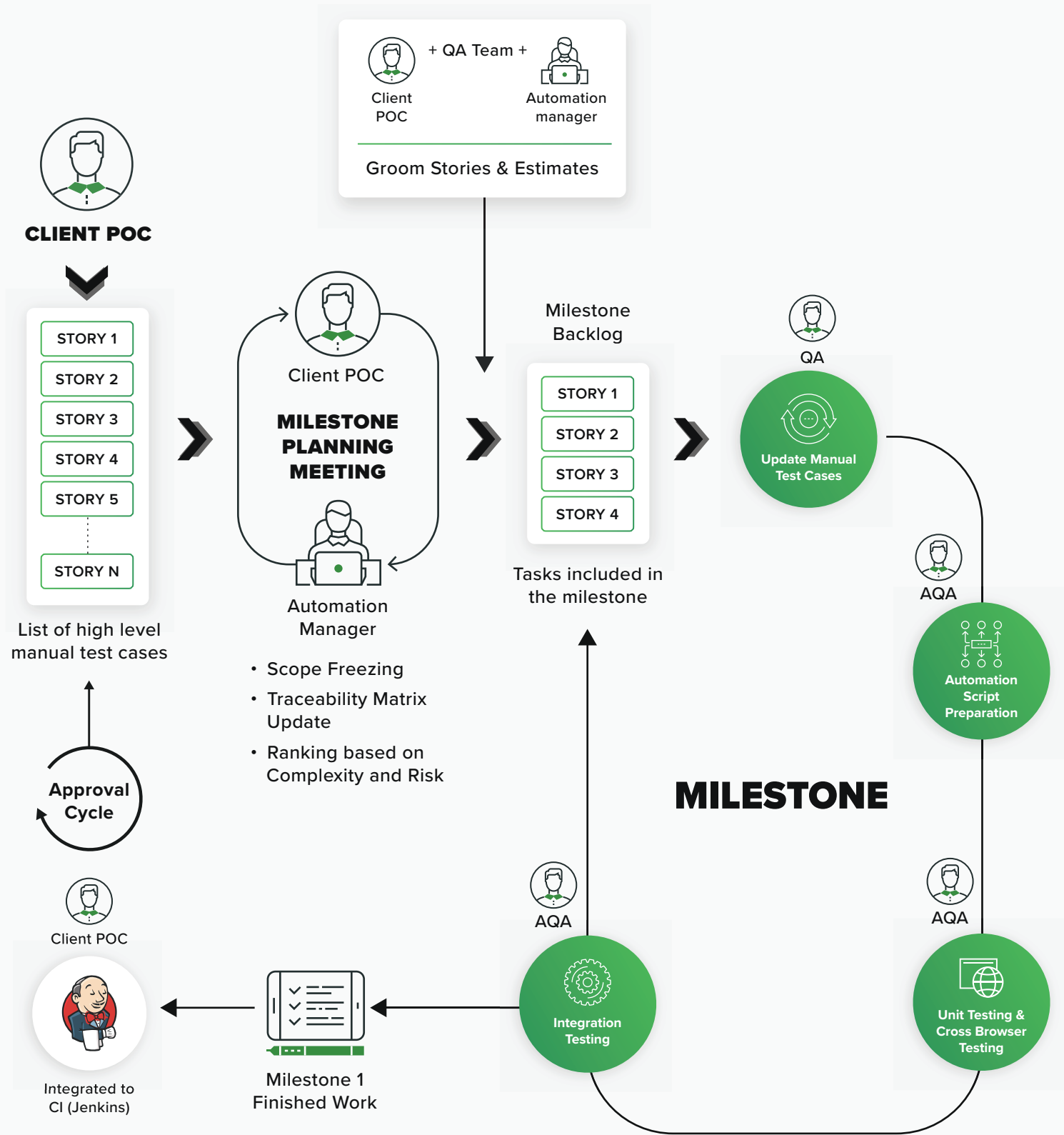
In-built scheduler for assigning jobs to TestingWhiz to continue executing the tasks even in the absence of the scheduler



Integration with HP QC and Zephyr as a test management tool for managing their test cases



# DEVELOPMENT APPROACH

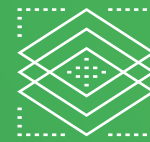






## **BENEFITS TO THE CLIENT & THEIR END USERS**

- 50% reduction in Manual Efforts implementing automated tests
- Improved efficiency of the development team using Automated testing
- Significant time conserved for testing complex web applications
- Superior quality outcomes in reduced time
- Sharp reduction in the UAT time required to run tests
- Decreased the necessity for fixing glitches during the release
- Reduced regression testing time
- Smooth execution of test cases even if the tester is out of the office
- Out-of-the-box support for integration with HP Quality and Zephyr
- Reduced efforts for the overall Application Development Lifecycle



## **TECHNOLOGY STACK**

### TECHNOLOGY

**Java, Angular JS**

### FRAMEWORK

**Reusable Keyword Driven Command- based Framework**

### BROWSER COMPATIBILITY

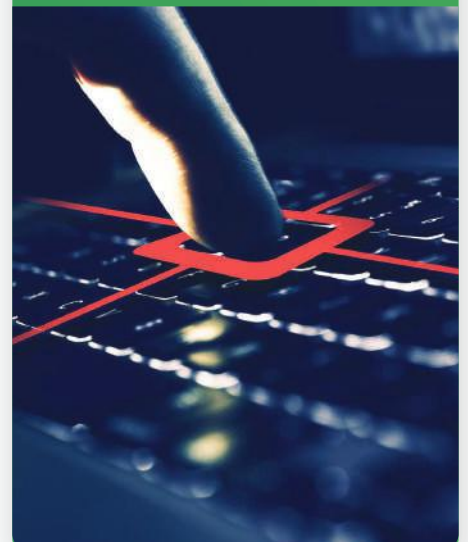
**Google Chrome, Mozilla Firefox, IE, Edge, Can support Headless Execution**

### 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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Successfully



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